DEPARTMENT OF THE NAVY FISCAL YEAR (FY) 2005 BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES FEBRUARY 2004

OTHER PROCUREMENT, NAVY BUDGET ACTIVITY 3

UNCLASSIFIED

Department of the Navy

Exhibit P-1

FY 2005 Procurement Program

APPROPRIATION: 1810N Other Procurement, Navy DATE: February 2004 TOA, \$ IN MILLIONS (DOLLARS) LINE IDENT FY 2005 ----FY 2003---- E NO ITEM NOMENCLATURE CODE UNIT COST QUANTITY COST QUANTITY COST QUANTITY COST C ---------_______ BUDGET ACTIVITY 03: Aviation Support Equipment -----Sonobuovs 90 4048 Sonobuoys - All Types 60.7 85.0 50.1 U Aircraft Support Equipment 91 4204 Weapons Range Support Equipment 39.0 44.6 U 54.0 92 4208 Expeditionary Airfields 7.3 7.5 7.5 U 11.8 93 4214 Aircraft Rearming Equipment 11.6 11.7 U 94 4216 Aircraft Launch & Recovery Equipment 18.6 20.1 21.3 U 95 4226 Meteorological Equipment 27.1 25.4 20.1 U Α 96 4242 Other Photographic Equipment 1.6 1.8 1.4 U Α 97 4244 Aviation Life Support 18.1 32.2 19.0 U Α 98 4248 Airborne Mine Countermeasures 17.7 2.5 73.1 U 99 4255 LAMPS MK III Shipboard Equipment 5.4 27.0 16.4 U 24.6 9.1 100 4265 Other Aviation Support Equipment 6.2 U -----TOTAL Aviation Support Equipment 246.8 261.3 271.5

Fiscal Year 2005 Budget Estimates Budget Appendix Extract Language

OTHER PROCUREMENT, NAVY (OPN)

For procurement, production, and modernization of support equipment and materials not otherwise provided for, Navy ordnance (except ordnance for new aircraft, new ships, and ships authorized for conversion); the purchase of passenger motor vehicles for replacement [only, and the purchase of 7 vehicles required for physical security of personnel, notwithstanding price limitations applicable to passenger vehicles but not to exceed \$200,000 per vehicle] *only;* expansion of public and private plants, including the land necessary therefor, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway, [\$4,941,098,000] \$4,834,278,000, to remain available for obligation until September 30, [2006] 2007, of which \$37,373,000 shall be for the Navy Reserve and Marine Corps Reserve. (10 U.S.C. 5013, 5063; Department of Defense Appropriations Act, 2004.)

[For an additional amount for "Other Procurement, Navy." \$76,357,000, to remain

[For an additional amount for "Other Procurement, Navy", \$76,357,000, to remain available until September 30, 2006.] (Emergency Supplemental Appropriations Act for Defense and for the Reconstruction of Iraq and Afghanistan, 2004.)

UNCLASSIFIED

	BUD	GET I	TEM JUSTIFI	ICATION	SHEET			DATE:				
			P-40						FE	BRUARY 2	004	
APPROPRIATION/BUDG	ET ACTIVI	TY					P-1 ITEM NO	MENCLATU	RE	SONOBU	OY, ALL TY	PES
OTHER PROCUREM	IENT, NA	VY	B.A.3 - AVIA	TION SU	PPORT EC	QUIPMENT	PEO(A) PI	ROGRAM N	IARM 4048	00 SUBHE	AD U3QZ	
Program Element for Coc	le B Items:						Other Relate	d Program Ele	ements			
	Prior	ID									То	
	Years	Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY (Hardware)		Α		71,953	106,611	42,653	46,836	42,171	42,594	59,605	Continuing	Continuing
COST												
(In Millions)				\$60.7	\$85.0	\$50.1	\$54.8	\$59.7	\$59.8	\$65.4	Continuing	Continuing

The AN/SSQ-36 is a bathythermograph sonobuoy used to provide a vertical temperature profile of the ocean with respect to depth. The data is transmitted to aircraft to assist in the selection of hydrophone depths and tactics for localizing and tracking submarines and long-range forecasts of acoustic conditions in the ocean.

The AN/SSQ-53 (DIFAR) is a passive directional sonobuoy which provides acoustic target localization. The AN/SSQ-53 and AN/SSQ-57 requirements were combined in FY02.

The AN/SQQ-62 (DICASS) is an active directional sonobuoy that provides target bearing and range information.

The AN/SSQ-77 (VLAD) is a passive directional sonobuoy using a vertical line array. It is part of the family of multi-static active sensor systems.

The AN/SSQ-101 Air Deployable Active Receiver (ADAR) is a commandable, passive sonobuoy with a horizontal planar array. It is part of the family of multi-static active sensor systems.

The AN/SSQ-110 is an active source buoy to be used in conjunction with the family of multi-static active sensor systems.

MK84 Signal, Underwater Sound (SUS) devices are expendable, non-explosive, electro-acoustic device which transmits acoustic tones. The MK84 SUS is used for training and exercise signaling to submarines.

The Hydrostatic Sensor Device enables use of existing ordnance as shallow water anti-submarine weapons.

Hardware funds may be realigned to support necessary engineering investigations (EIs) and production engineering change proposals (ECPs).

PAGE NO. 1

FY03 values reflect actual program value.

RESERVE FUNDING INCLUDED IN TOTAL (\$000)

FY03 FY04 FY05 FY06 FY07 FY08 FY09 2,929 0 0 0 0 0 0

CLASSIFICATION:

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CLASSIFICATION: UNCLASSIFIED

QZ001 AN/SSQ-36 4,392 274.28 1,205 0 4- 0 2,060 350.60 722 41,034 484.48 19,880 76,220 42.13 32,632 27,918 560.37 15,644 10,273 1,168.08 12,000 7,017 1,332.63 9,351 3,090 1,667.78 5,155 1,000 1,503.53 1,504 13,390 807.95 10,818 5,150 1,045.04 5,382 0,2007 AN/SSQ-101 2,479 4,330.00 10,734 2,060 4,705.40 9,693 2,060 4,769.49 9,825 0,2007 AN/SSQ-110 2,479 4,330.00 10,734 2,48.44 866 3,480 257.08 895 0 - 0 0 0 0 0 0 0 0		WEAPONS SYSTEM C	OST ANA	ALYSIS			Weapon Sy SONOBUG	stem	PES					DATE: FEBRUAI	RY 2004	
COST CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE COD	OTHER	PROCUREMENT, NAVY					ID Code	SONOBUC	Y, ALL T	YPES		EAD U3G	nZ			
CODE				TOTAL COS	T IN THOUS	SANDS OF D	OOLLARS									
HARDWARE		ELEMENT OF COST		Years	Quantity	Linit Cost	Total Cost	Quantity		Total Cost	Quantity		Total Cost	Quantity		Total Cost
QZ001 AN/SSQ-36 4,392 274.28 1,205 0 42.060 350.60 722 QZ002 AN/SSQ-53 41,034 484.48 19,880 76,220 428.13 32,632 27,918 560.37 15,644 QZ005 AN/SSQ-62 10,273 11,168.08 12,000 7,017 1,332.63 9,351 3,090 1,667.78 5,155 QZ006 AN/SSQ-101 2,479 4,330.00 10,734 2,060 4,705.40 9,693 2,060 4,769.49 9,822 QZ007 AN/SSQ-110 2,479 4,330.00 10,734 2,060 4,705.40 9,693 2,060 1,702.87 3,500 QZ009 Hydrostatic Device 3,484 248.44 866 3,480 257.08 895 0 - 0 PRODUCTION ENGINEERING 3,111 7721 4532 AN/SSQ-36 80 0 0 77 QZ831 AN/SSQ-62 3,159 1,029 560 QZ834 AN/SSQ-62 427 1,190 59 QZ835 AN/SSQ-110 427 1,190 59 QZ836 AN/SSQ-110 317 680 1,066 1,087 <				Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	l otal Cost
QZ007 AN/SSQ-110 9,291 927.95 8,622 4,120 1,407.42 5,799 2,060 1,702.87 3,508 QZ009 Hydrostatic Device 0 - 0 324 3,093.64 1,002 315 3,154.63 994 PRODUCTION ENGINEERING 3,111 7721 453 QZ831 AN/SSQ-36 80 0 76 QZ832 AN/SSQ-53 688 3,590 1,722 QZ834 AN/SSQ-62 745 1,029 561 QZ835 AN/SSQ-77 427 1,190 592 QZ836 AN/SSQ-110 317 680 1,066 1,082 QZ838 SUS MK 84 80 98 0 0	QZ001 QZ002 QZ004	AN/SSQ-36 AN/SSQ-53 AN/SSQ-62	A					4,392 41,034 10,273	484.48 1,168.08	1,205 19,880 12,000	0 76,220 7,017	1,332.63	0 32,632 9,351	2,060 27,918 3,090	350.60 560.37 1,667.78	15,644 5,153
QZ831 AN/SSQ-36 QZ832 AN/SSQ-53 QZ834 AN/SSQ-62 QZ835 AN/SSQ-77 QZ836 AN/SSQ-101 QZ837 AN/SSQ-110 QZ838 SUS MK 84	QZ007 QZ008	AN/SSQ-110 SUS MK 84						9,291	927.95	8,622	4,120 3,480	1,407.42 257.08	5,799 895	2,060 0	1,702.87 -	3,508 0
	QZ831 QZ832 QZ834 QZ835 QZ836 QZ837 QZ838	AN/SSQ-36 AN/SSQ-53 AN/SSQ-62 AN/SSQ-77 AN/SSQ-101 AN/SSQ-110 SUS MK 84								80 688 745 427 680 317 60			0 3,590 1,029 1,190 1,066 638 98			4535 79 1,721 567 592 1,081 386 0 109

 DD FORM 2446, JUN 86
 P-1 SHOPPING LIST
 CLASSIFICATION:

 ITEM NO. 90
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CLASSIFICATION: UNCLASSIFIED

	WEAPONS SYSTEM C P-5	OST ANA	ALYSIS			Weapon Sy SONOBU	/stem OY, ALL TY	PES					DATE: FEBRUA	RY 2004	
OTHER	PRIATION/BUDGET ACTIVITY PROCUREMENT, NAVY AVIATION SUPPORT EQUIPMENT					ID Code	SONOBU	OY, ALL T	IRE/SUBHEAD YPES NARM 4048		IEAD U3G)Z			
			TOTAL COS	T IN THOUS	SANDS OF D	OLLARS									
COST CODE	ELEMENT OF COST	ID Code	Prior Years					FY 2003			FY 2004			FY 2005	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
QZ861 QZ862 QZ864 QZ865 QZ866 QZ867 QZ868 QZ869	ACCEPTANCE TESTING AN/SSQ-36 AN/SSQ-53 AN/SSQ-62 AN/SSQ-77 AN/SSQ-101 AN/SSQ-110 SUS MK 84 Hydrostatic Device	A							2,817 86 575 612 362 630 364 65 123			7086 0 0 2,955 1,029 1,190 1,066 638 98			431 7 1,50 56 59 1,08 38
	Subtotals by Buoy Type AN/SSQ-36 AN/SSQ-53 AN/SSQ-62 AN/SSQ-77 AN/SSQ-101 AN/SSQ-110 SUS MK 84 Hydrostatic Device								1,371 21,143 13,357 2,293 12,044 9,303 991 237			0 39,177 11,409 13,198 11,825 7,075 1,091 1,222			88 18,86 6,28 6,56 11,98 4,28
									60,737	<u> </u>		84,997			50,08

 DD FORM 2446, JUN 86
 P-1 SHOPPING LIST
 CLASSIFICATION:

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UNCLASSIFIED

BUDGET PROCURE	MENT HISTO	DRY AND P	LANNING EXHIBI	T (P-5A)		Weapon System SONOBUOY, ALL TYPE	S	A. DATE FEBRU	ARY 2004	4
B. APPROPRIATION/BUDGE OTHER PROCUREM B.A.3 - AVIATION SL	ENT, NAVY	JIPMENT								QZ
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISION AVAILABL
FY03										
AN/SSQ-36	3,290	262.23	NSWC CRANE	10/02	C/FFP	UEMS	04/03	07/04	YES	
AN/SSQ-36	1,102	310.25	NSWC CRANE	10/02	C/FFP	SPARTON	04/03	07/04	YES	
AN/SSQ-53	10,398	551.86	NSWC CRANE	10/02	C/FFP	USSI	03/03	06/04	YES	
AN/SSQ-53	30,636	461.61	NSWC CRANE	10/02	C/FFP	SPARTON	03/03	06/04	YES	
AN/SSQ-62	4,150	1,227.13	NSWC CRANE	10/02	C/FFP	USSI	03/03	06/04	YES	
N/SSQ-62	6,123	1,128.06	NSWC CRANE	10/02	C/FFP	SPARTON	03/03	06/04	YES	
N/SSQ-77	1,000	1,503.53	NSWC CRANE	10/02	C/FFP	SPARTON	03/03	06/04	YES	
AN/SSQ-101	2,479	4,330.00	NSWC CRANE	10/02	SS/FFP	ERAPSCO	06/03	09/04	YES	
AN/SSQ-110	9,291	927.95	NSWC CRANE	10/02	C/FFP	NOT SELECTED	07/03	09/04	YES	
SUS MK 84	3,484	248.44	NSWC CRANE	10/02	C/FFP	SPARTON	01/03	04/04	YES	
FY04										
AN/SSQ-53	76,220	428.13	NSWC CRANE	10/03	C/FFP	NOT SELECTED	01/04	04/05	YES	
AN/SSQ-62	7,017	1,332.63	NSWC CRANE	10/03	C/FFP	NOT SELECTED	01/04	04/05	YES	
AN/SSQ-77	13,390	807.95	NSWC CRANE	10/03	C/FFP	NOT SELECTED	01/04	04/05	YES	
AN/SSQ-101	2,060	4,705.40	NSWC CRANE	10/03	SS/FFP	ERAPSCO	01/04	04/05	YES	
AN/SSQ-110	4,120	1,407.42	NSWC CRANE	10/03	C/FFP	NOT SELECTED	01/04	04/05	YES	
SUS MD 84	3,480	257.08	NSWC CRANE	10/03	C/FFP	NOT SELECTED	01/04	04/05	YES	
Hydrostatic Device	324	3,093.64	NSWC CRANE	10/03	C/FFP	NOT SELECTED	01/04	04/05	YES	
FY05										
AN/SSQ-36	0	0.00	NSWC CRANE	10/04	C/FFP	NOT SELECTED	01/05	04/06	YES	
AN/SSQ-53	0	0.00	NSWC CRANE	10/04	C/FFP	NOT SELECTED	01/05	04/06	YES	
AN/SSQ-62	0	0.00	NSWC CRANE	10/04	C/FFP	NOT SELECTED	01/05	04/06	YES	
AN/SSQ-77	0	0.00	NSWC CRANE	10/04	C/FFP	NOT SELECTED	01/05	04/06	YES	
AN/SSQ-101	0	0.00	NSWC CRANE	10/04	SS/FFP	ERAPSCO	01/05	04/06	YES	
AN/SSQ-110	0	0.00	NSWC CRANE	10/04	C/FFP	NOT SELECTED	01/05	04/06	YES	
Hydrostatic Device	0	0.00	NSWC CRANE	10/04	C/FFP	NOT SELECTED	01/05	04/06	YES	

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

FY 2004/2005 BUDGET PROD			HEDU	LE, P	-21													DATE			FΕ	BR	UΑ	RY	200	4				
APPROPRIATION/BUDGET AC													Wea	por	า Sys	stem)	P-1	ITEN	ΛN	OME	NC	LAT	URE	:	P	EO(A) PR	OGR	AM
OTHER PROCUREMENT, N	AVY	B.A.	3 - AVI	IATIO	N SUF	POR	T EG	QUIPM	ENT	•		5	Sonol	buoy	, All	Туре	s	NAR	M 404	1800	SUB	HEA	D U3	QΖ						
							Pro	ductio	n Ra	ate					Pro	cure	emei	nt Le	adtir	nes										
		Mar	nufactu	ırer's								AL	T Pr	ior	AL	ΤА	fter		nitia		R	eord	ler					Ur	nit of	į
Item	l i		and L		n	MS	SR	EC	NC	M/	AΧ		Oct			Oct			fg PL			fg P	-		Tota	ı		_	asur	
AN/SSQ-36B			ANAD/			0.25		12		12*				-		3			15			· 9 ·			18	$\overline{}$		Mor		<u> </u>
AN/SSQ-36B, AN/SSQ-53/57		RTON		•		0.25		12		12*						3			15						18	\dashv		Mor	_	
AN/SSQ-53/57	USSI		,			0.25		12		12*						3			15						18	\dashv		Mor		
AN/SSQ-62	USSI					0.25		2.6		8.0*						3			15						18	\dashv		Mor		
AN/SSQ-62		RTON				0.25		8.0		8.0*						3			15						18			Mor		
AN/SSQ-77	_	RTON	•			TBD		TBD		o.u TBD						3			15						18	-		Mor		
			,							TBD									15							\dashv				
AN/SSQ-101 (ADAR)		PSCO				TBD		TBD							-	3									18			Mor		
SUS MK-84	SPAI	RTON	, FL			TBD		TBD		TBD)					3			15						18			Mor	nth	
																						FISC	AL Y	EAR :	2003					_
ITEM / MANUFACTURER	F	S	Q	D	В																		CA	LEND	AR YE	:AR 2	003			
	Υ	C V	T Y	E	A	0	N	D	J	F	М	Α	М	J	J	Α	S	0	Ν	D	J	F	М	Α	М	J	J	Α	S	B A
		C	Y	-	L	С	0	E	A	E	Α	Р	Α	U	U	U	E	С	0	Ε	Α	E	Α	Р	Α	U	U	U	E	Ĺ
						Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р	↓
AN/SSQ-36 - UEMS (K)	03		3.3	0.0	3.3																			Α				 		3.3
AN/SSQ-36 - SPARTON (K)	03		1.1	0.0	1.1																		^	Α						1.1
AN/SSQ-53 - USSI (K) AN/SSQ-53 - SPARTON (K)	03		10.4 30.6	0.0	10.4 30.6																		A		\vdash			<u> </u> 	\vdash	10.4 30.6
AN/SSQ-53 - SFARTON (K) AN/SSQ-62 - USSI (K)	03		4.2	0.0	4.2																		A		\vdash				\vdash	4.2
AN/SSQ-62 - SPARTON (K)	03		6.1	0.0	6.1																		Α					l		6.1
AN/SSQ-77 - SPARTON (K)	03		1.0	0.0	1.0																		Α					——— I		1.0
AN/SSQ-101- ERAPSCO (K)	03		2.5	0.0	2.5																					Α				2.5
AN/SSQ-110 - NOT SELECTED (K)	03		9.3	0.0	9.3																						Α			9.3
SUS MK 84 - SPARTON (K)	03		3.5	0.0	3.5																Α									3.5
									F	ISCAL	YEAF	200	4									FISC	AL Y	EAR :	2005					
ITEM / MANUFACTURER	F	s	Q	D	В	20	003					C	CALEN	IDAR	YEAF	R 200	4						CA	LEND	AR YE	AR 2	005			1
	Υ	V	Т	Е	Α	0	N	D	J	F	М	Α	М	J	J	Α	S	0	Ν	D	J	F	М	Α	М	J	J	Α	S	В
		С	Υ	L	L	С	0	E	Α	Е	Α	Р	Α	U	U	U	Е	С	0	Е	Α	Е	Α	Р	Α	U	U	U	Е	A L
						Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	Ν	В	R	R	Υ	N	L	G	Р	
AN/SSQ-36 - UEMS (K)	03		3.3	0.0	3.3										0.3		0.3		0.5	0.5		0.3								0.0
AN/SSQ-36 - SPARTON (K)	03		1.1	0.0	1.1										0.1		0.1	0.1	0.2			0.1	0.1					 	Ш	0.0
AN/SSQ-53 - USSI (K)	03		10.4	0.0	10.4									0.5				2.0					4.0		ļ			 	Ш	0.0
AN/SSQ-53 - SPARTON (K)	03		30.6 4.2	0.0	30.6 4.2									1.0 0.1	2.5 0.2		4.0 0.4	4.5	4.5	4.5		2.0							\vdash	0.0
AN/SSQ-62 - USSI (K) AN/SSQ-62 - SPARTON (K)	03		6.1	0.0	6.1									• • •	0.2		1.0		1.0		0.4	0.4	0.2						\vdash	0.0
AN/SSQ-77 - SPARTON (K)	03		1.0	0.0	1.0									0.4	0.4		0.2				0.4					\dashv			\vdash	0.0
AN/SSQ-171 - SPARTON (R) AN/SSQ-101- ERAPSCO (K)	03		2.5	0.0	2.5									0.1	0.1	0.1	0.2		0.1				0.2	0.2	0.2	-		! 	\vdash	0.0
AN/SSQ-110 - NOT SELECTED (K)	03		9.3	0.0	9.3												0.2								0.9			 I		0.0
SUS MK 84 - SPARTON (K)	03		3.5	0.0	3.5							0.3	0.3	0.4	0.5	0.5		0.4					· · · ·	1	0.0	-		 	\vdash	0.0
	1	1	1	1	1			 		-	-				1		+								\vdash				\vdash	+ • • • • • • • • • • • • • • • • • • •

P-21 Page 2 of 4 DD Form 2445, JUL 87 P-1 SHOPPING LIST Previous editions are obsolete Exhibit P-21 Production Schedule

PAGE NO. 5 ITEM NC 90 311 / 244

FY 2004/2005 BUDGET PROD	UCTIC	N SC	HEDU	ILE, P	-21												DAT	E]FE	BR	UA	RY	200)4				
APPROPRIATION/BUDGET AC													Wea	por	ı Sys	tem	P-1	ITE	M N	OME	NC	LAT	URE		Р	EO(A	A) PR	OGR	AM
OTHER PROCUREMENT, N.	AVY	B.A.	3 - AV	IATIO	N SUI	PPOR	T EG	UIPM	IENT	_		S	Sonol	buoy	, All ⁻	Гуреѕ	NAF	RM 40	4800	SUB	HEA	D U3	QΖ						
							Pro	ductio	n Ra	ate					Pro	cureme	ent L	eadti	mes										
		Mar	nufacti	ırer's								AL	T Pi	ior	AL	T After		Initia	ıl	R	eorc	ler					Ur	nit of	F
Item		Name	and L	ocatic	n	MS	SR	EC	NC	MA	ΑX	to	Oct	1	(Oct 1	N	lfg P	LT	М	fg P	LT		Tota	ıl		Mea	asur	е
AN/SSQ-36B	UEM	S, CA	NADA	١		0.25		12		12*						3		15						18			Moi	nth	
AN/SSQ-36B, AN/SSQ-53/57	SPAI	RTON	, FL			0.25		12		12*						3		15						18			Moi	nth	
AN/SSQ-53/57	USS	I, IN				0.25		12		12*						3		15						18			Moi	nth	
AN/SSQ-62	USS	I, IN				0.25		2.6		8.0*						3		15						18			Moi	nth	
AN/SSQ-62		RTON	. FL			0.25		8.0		8.0*						3		15						18			Moi	nth	
AN/SSQ-77	TBD		,			TBD		TBD		TBD						3		15					t	18			Moi		
AN/SSQ-101 (ADAR)		PSCO)			TBD		TBD		TBD						3		15					t	18			Moi		
SUS MK-84		RTON				TBD		TBD		TBD						3		15						18			Moi		
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ITEM / MANUFACTURER	F	s	Q	D	В															I	1 100		LEND		EΔR 2	กกร			
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AN/SSQ-62 - NOT SELECTED (K)	04		7.0	0.0	7.0				Α																0.8			-	2.1
AN/SSQ-77 - NOT SELECTED (K)	04		13.4	0.0	13.4	ļ			Α								-			<u> </u>			0.5		2.0				
AN/SSQ-101- ERAPSCO (K) AN/SSQ-110 - NOT SELECTED (K)	04 04	-	2.1 4.1	0.0	2.1	-			A								-			1			0.1		0.1		0.4		
SUS MK 84 - NOT SELECTED (K)	04		3.5	0.0	3.5				A										-	1			٠				0.6		
Hydrostatic Device - Not Selected (K)	04		0.3	0.0	0.3				A											1			0.3	0.4	0.4	0.4	0.5	0.5	0.0
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Remarks: * If mobilization is for multiple buoy types then the maximum quantity should be reduced by 30%-50%.

DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST P-21 Page 3 of 4
311/244 ITEM NO.90 PAGE NO. 6 Exhibit P-21 Production Schedule

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						Pro	ducti	ion F	Rate				Ρ	rocur	eme	nt Le	adtin	nes										
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Remarks: * If mobilization is for multiple buoy types then the maximum quantity should be reduced by 30%-50%.

DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST P-21 Page 4 of 4

311/244 ITEM NO. 90 PAGE NO. 7 Exhibit P-21 Production Schedule

FY 2004/2005 BUDGET PROD	UCTIO	N SC	HEDU	LE, P	-21												DATE		F	E	3Rl	JA	RY	200)4				
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OTHER PROCUREMENT, NA	AVY	B.A.3	3 - AVI	IATIO	N SUF	POR	T EQ	UIPM	IENT	-		S	onol	ouoy	, All T	ypes	NAR	M 404	800 S	UBH	IEAD	U30	QΖ						
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AN/SSQ-36B			CANA			0.25		12		12*				•		3	 ``	15			<u> </u>			18			Mor		Ť
AN/SSQ-36B, AN/SSQ-53/57		RTON				0.25		12		12*						3	1	15						18			Mor		
AN/SSQ-53/57	USSI		,			0.25		12		12*						3	+	15						18			Mor		
N/SSQ-62	USSI					0.25		2.6		8.0*						3	+	15						18			Mor		_
AN/SSQ-62		RTON				0.25		8.0		8.0*						3	+	15	_					18			Mor		_
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AN/SSQ-101 (ADAR)		PSCO				TBD										3	-	15 15						18 18			Mor		
SUS MK-84	SPAI	RTON	, FL			TBD		TBD		TBD)					3		15									Mor	nth	_
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N/SSQ-36 - NOT SELECTED (K)	05		2.1	0.0	2.1												Ī			Α									T
AN/SSQ-53 - NOT SELECTED (K)	05		27.9	0.0	27.9															Α									2
AN/SSQ-62 - NOT SELECTED (K)	05		3.1	0.0	3.1															Α									
AN/SSQ-77 - NOT SELECTED (K)	05		5.2	0.0	5.2														_	Α									L
AN/SSQ-101- ERAPSCO, IN (K)	05		2.1	0.0	2.1												1		_	A									1
AN/SSQ-110 - NOT SELECTED (K)	05		2.1	0.0	2.1												_		_	A									ł
Hydrostatic Device - Not Selected (K)	05		0.3	0.0	0.3												-		_	A									╀
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DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST P-21 Page 3 of 4
311/244 ITEM NO. 90 PAGE NO. 8 Exhibit P-21 Production Schedule

FY 2004/2005 BUDGET PRODU	JCTIO	N SC	HEDU	LE, P	-21												DAT	E		ΙFΕ	BRI	JA	RY	200)4				
APPROPRIATION/BUDGET AC	TIVITY	1										\	Veapo	n S	yste	m	P-1	ITEN	ΛN	ОМЕ	NCL	AT	URE		Р	EO(A	A) PR	OGR.	AM
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AN/SSQ-36B, AN/SSQ-53/57	SPAF	RTON	, FL			0.25		12		12*					(3		15						18			Mor	nth	
AN/SSQ-53/57	USSI	l, IN				0.25		12		12*					(3		15						18			Mor	nth	
AN/SSQ-62	USSI	l, IN				0.25		2.6		8.0*					(3		15						18			Mor	nth	
AN/SSQ-62	SPAF	RTON	,			0.25		8.0		8.0*					(3	Î	15						18			Mor	nth	
AN/SSQ-77	TBD		•			TBD		TBD)	TBD					;	3		15						18			Mor	nth	
AN/SSQ-101 (ADAR)	ERAF	PSCO),			TBD		TBD)	TBD					(3		15						18			Mor	nth	
SUS MK-84	SPAF	RTON	, FL			TBD		TBD)	TBD					(3		15						18			Mor	nth	
									FISC	AL YE	AR 20	006								•	FISC	AL Y	EAR 2	2007					
ITEM / MANUFACTURER	F	s	Q	D	В	20	005						ALENDAF	R YEA	AR 2	006							LEND		EAR 2	2007			
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AN/SSQ-36 - NOT SELECTED (K)	05		2.1	0.0	2.1								0.1 0.3			4 0.4			0.1										0.0
AN/SSQ-53 - NOT SELECTED (K)	05		27.9	0.0	27.9											.0 5.0			1.0										0.0
AN/SSQ-62 - NOT SELECTED (K)	05		3.1	0.0	3.1								0.2 0.5																0.0
AN/SSQ-77 - NOT SELECTED (K)	05		5.2	0.0	5.2								0.3 0.4																0.0
AN/SSQ-101- ERAPSCO, IN (K) AN/SSQ-110 - NOT SELECTED (K)	05 05		2.1	0.0	2.1								0.1 0.3 0.2 0.3						0.1										0.0
Hydrostatic Device - Not Selected (K)	05		0.3	0.0	0.3							0.1	0.2 0.3	0.	1 0	1 0.0	0.0	0.2											0.0
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										FISCA	AL YEA	AR 200	8								FISC	AL Y	EAR 2	2009					
ITEM / MANUFACTURER	F	S	Q	D	В	20	07					CA	ALENDAF	RYEA	AR 2	800	_					CA	LEND	AR YI	EAR 2	2009			
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Remarks: * If mobilization is for multiple buoy types then the maximum quantity should be reduced by 30%-50%.

DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST P-21 Page 4 of 4

311/244 PAGE NO. 9 Exhibit P-21 Production Schedule

	BUDGE	T ITEM JU	ISTIFICATIO	N SHEET				DATE:		February 20	004
			P-40								
APPROPRIATION/BU	JDGET ACTIV	/ITY			P-1 ITEM N	OMENCLAT	URE	BLI 420400			
OTHER PROCUREM	ENT, NAVY/	BA-3 Avia	tion Suppor	t Equipment	WEAPONS	RANGE SU	PPORT EQU	IPMENT			
Program Element for	Code B Items	:			Other Relat	ed Program	Elements				
	Prior	ID								То	
	Years	Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY											
COST			*	**							
(In Millions)	\$1,026.3		\$54.0	\$39.0	\$44.6	\$31.9	\$42.6	\$41.9	\$42.1	Cont.	Cont.

*\$6.9M MTES FY 03 Congressional Add: \$8.4M PMRF FY-03 Congressional Add.

**\$8.2M increase in funding in FY 04 for Training Transformation (Test and Training Enabling Architecture (TENA) \$1.2M; U.S. Joint Forces Command (USJFCOM) \$7.0M.

This budget line item provides the resources to implement the Navy Fleet Training Range (FTR) Instrumentation Program Plan. These FTRs provide the primary means of fleet combat readiness training. The plan addresses the following major procurement areas: Electronic Warfare (EW) simulators, Systems Replacement and Modernization (SRAM), Communications Upgrade, Large Area Tracking Range (LATR), Underwater Ranges, Mobile Remote Emitter System (MRES), and generic systems such as range computer systems, simulation, surveillance systems, Tactical Aircrew Combat Training System (TACTS), and Fleet Readiness Program (FRP); formerly, Training Resource Strategy (TRS) range instrumentation projects. The integral parts of these major range programs include but are not limited to the following: voice communications, weapons scoring systems, display consoles, radars, tracking subsystems, control/computation subsystems, display/debriefing subsystems, processors, HF/VHF/UHF receivers, transmitters/transceivers, multiplexers, intercom circuits, encoding devices, frequency interface control systems, and other specialized equipment.

Justification: Operational forces of the Navy's air, surface, and subsurface units are being equipped with the latest complex and sophisticated weapon systems to achieve and maintain high standards of fleet readiness. The FTRs must be furnished with training equipment capable of simulating, tracking, displaying, and debriefing the latest combat environments (e.g. electronic warfare). This equipment provides the Navy with the capability to: conduct safe fleet training exercises; achieve a high state of readiness; objectively evaluate training effectiveness as well as the strategy and tactics employed; evaluate the performance of equipment; and measure reliability and accuracy of operational weapon systems.

MOBILE REMOTE EMITTER SYSTEM (MRES)

The MRES is a medium power Electronic Warfare simulator system capable of illuminating aircraft, ships, and various other signal collection platforms with emitters from 2 to 18 GHz. The system will also be capable of receiving active Electronic Countermeasures (ECM) transmissions from 500MHz to 18GHz for spectrum viewing and evaluation of ECM techniques. The MRES will use the Tactical Aircrew Combat Training System (TACTS)/Tactical Combat Training System (TCTS) and/or video tracking modes for position pointing sources.

The MRES system will be capable of generating threat scenarios to support non-instrumented test and training sites and also support Navy and Joint exercises. The MRES will be a ruggedized, highly reliable and maintainable system. It will consist of off-the-shelf components incorporating minor modifications as necessary to meet unique mission support areas. Congressional increase of \$5.3M in FY02 to procure a mobile remote emitter system (MRES) at Fallon Range Training Range Complex (FRTC).

MOBILE THREAT EMITTER SIMULATOR (MTES)

The Fallon Mobile Threat Emitter Simulator (MTES) is a full power, mobile, SA10/20 simulator. The System will be deployed to the Fallon Training Range Complex provide Electronic Warfare training to navy aircrews. Congressional increase of \$6.9M in FY03 to procure a mobile threat emitter simulator (MTES) at Fallon Range Training Range Complex (FRTC).

THREAT RADAR UPGRADE (FALLON)

The Fallon Training Range Complex Electronic Warfare (EW) capabilities consists of 47 emitters on 37 sites located largely within the Dixie Valley area. This effort will upgrade the EW range to provide new sites and emitters that reflect real world air defense systems that force the aircrew to detect, identify, and defeat or evade the threat.

	BUDGE	T ITEM JU	ISTIFICATIO	N SHEET				DATE:		February 20	004
			P-40								
APPROPRIATION/B	UDGET ACTIV	/ITY			P-1 ITEM N	OMENCLAT	URE	BLI 420400			
OTHER PROCURE	MENT, NAVY/	BA-3 Avia	tion Suppor	t Equipment	WEAPONS	RANGE SU	PPORT EQU	IIPMENT			
Program Element for	Code B Items	s:			Other Relat	ed Program	Elements				
	Prior	ID								То	
	Years	Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY											
COST			*	**							
(In Millions)	\$1,026.3		\$54.0	\$39.0	\$44.6	\$31.9	\$42.6	\$41.9	\$42.1	Cont.	Cont.

ELECTRONIC WARFARE THREAT UPGRADE (MAEWR/DARE COUNTY)

The Mid-Atlantic Electronic Warfare Range (MAEWR) and Dare County, North Carolina have a requirement for EW emitters to provide the necessary threat environment Capabilities required at MAEWR include early warning and acquisition radars, Man Portable Air Defense System (MAMPADS) and Threat Radar Emitter Simulator.

ELECTRONIC WARFARE THREAT SYSTEMS (SCORE)

The EW Threat Systems (SCORE) has a requirement for EW Systems and an integrated air defense system for Adversary Island to support Fleet Training.

SYSTEMS REPLACEMENT AND MODERNIZATION (SRAM):

The SRAM program provides for the procurement of numerous minor equipments/instrumentation needed at all Navy training ranges. SRAM procurements replace and modernize economically unmaintainable systems and equipment in order to increase range efficiency. Funding for installation of minor equipment is required in all years for all ranges.

INTEGRATED TARGET CONTROL SYSTEM (ITCS) UPGRADE

ITCS Upgrade will provide an unmanned target control system designed to replace the legacy drone control systems deployed at Navy Target Training Ranges. The upgrade will provide all command and control, tracking and telemetry functions for the target systems. The upgrade will control the family of subscale Navy targets and provide a range of 400 nautical miles with an over-the-horizon relay. The FY2003 program will provide one system for Fleet Composite Squadron Six.

LATR FREQUENCY CONVERSION TO 433 MHz

The LATR was initially delivered with a airborne data link operating at a frequency of 141 MHz. This was found to be operationally unsuitable for the Southern California Off Shore Range due to excessive radio frequency interference. Converting the down link frequency to 433 MHz was found to resolve the problem. Subsequent testing at the Virginia Capes (VACAPES) LATR revealed that performance was significantly improved there by using the 433 MHz frequency. As a result, the VACAPES LATR system has been converted to the 433 MHz frequency.

LATR GROUND SYSTEM REHOST

The existing Software Support Activity (SSA) Facility cannot fully support the development and testing for LATR.

TACTICAL COMBAT TRAINING SYSTEM (TCTS)

The Tactical Combat Training System (TCTS) will procure fixed, transportable, and mobile range instrumentation equipment for both shore-based (aircrew training) and deployable (ship/sub/aircrew training) applications. TCTS instrumentation will transmit exercise scenarios; simulate/stimulate all exercise participants sensors/weapons with the exercise scenario; track all exercise participants and events, e.g., weapons engagements; and provide accurate, realistic, and timely feedback. TCTS is building on non-developmental technology developed for existing tactical training range systems. The system will be interoperable with the USAF P5 CTS system. The TCTS consists of airborne instrumentation called Participant Subsystems and Ground Subsystems. The Ground Subsystem has 4 configurations: Transportable, Portable, Shipboard and Fixed Ground Subsystem.

TARGETS/SMART TARGETS

A variety of targets and visual cues are required to train deploying aircrews in the demands of time-critical targeting and Network Centric Warfare. Mobile targets such as vehicles and visually representative shapes are required for use at Fallon. Small boat targets are required to support aviation and surface training at SCORE. Ground and mobile targets, integrated with Smokey SAMs, are required at Yuma to support training readiness in weapon targeting and delivery.

	BUDGE	T ITEM JU	JSTIFICATIO	N SHEET				DATE:		February 200	04
			P-40								
APPROPRIATION/BU	JDGET ACTI\	/ITY			P-1 ITEM N	OMENCLAT	URE	BLI 420400			
OTHER PROCUREM	IENT, NAVY/	BA-3 Avia	tion Suppor	t Equipmen	WEAPONS	RANGE SU	PPORT EQU	IPMENT			
Program Element for	Code B Items	:			Other Relat	ted Program	Elements				
	Prior	ID								То	
	Years	Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY											
COST			*	**							•
(In Millions)	\$1,026.3		\$54.0	\$39.0	\$44.6	\$31.9	\$42.6	\$41.9	\$42.1	Cont.	Cont.

PACIFIC FLEET PORTABLE ASW RANGE

FY07 funds the procurement of a portable underwater range to support ASW training for Forward Deployed Naval Forces (FDNF). The system will be capable of tracking submarines, weapons, targets, and unmanned underwater vehicles, and will be able to be deployed, operated, and recovered by fleet personnel. Most Navy training instrumentation is located within CONUS to provide individual and unit training for developing basic operating skills. Large exercises such as COMPTUEX, FLEETEX, AND JTFEX can also be supported to some extent when conducted in the vicinity of the fixed fleet ranges at SCORE, AFWTF, AND LWTC. When units deploy overseas, there are very few instrumented training facilities available for honing skills to maintain a high state of readiness. Consequently, readiness can begin to deteriorate due to a lack of adequate training facilities.

PORTABLE MINE WARFARE (MIW) RANGE

This project procures a portable Mine Warfare (MIW) training system to be used in conjunction with the existing Versatile Exercise Mine System (VEMS) in the Gulf of Mexico (GOMEX). The portable MIW training system will enable status information from the VEMS to be relayed in real time to participants engaged in MIW training exercises. This will provide exercise participants with real time feedback on the effectiveness of their MIW tactics.

PACIFIC MISSILE RANGE FACILITY (PMRF) UPGRADES

FY2003 Congressional increase of \$8.4M will be utilized for training range instrumentation upgrades.

TEST & TRAINING ENABLING ARCHITECTURE (TENA)

The integration of TENA into existing US Navy Tactical Training Ranges will enable participants, such as those in Tactical Aircrew Combat Training System (TACTS) and Large Area Tracking Range (LATR), to be interoperable with other Joint National Training Center (JNTC) TENA capable assets, and lays the groundwork for subsequent TENA integration with future systems, such as P5/Tactical Combat Training System (TCTS). The requirement also addresses integration of TENA into training range assets, such as (1) Threat Systems (EW devices/emitters), which enable interoperability, communications flexibility and mobility with other test and training systems, and (2) Weapons Scoring Systems, which will enable publishing of weapons impact coordinates in TENA complaint format.

U.S. JOINT FORCES COMMAND (USJFCOM)

The USJFCOM Joint Training will purchase a core set of communications hardware and software to construct the communication architecture for Joint National Training Capability (JNTC) Live-Virtual-Constructive (LVC) efforts. This equipment is essential to the JNTC LVC events in order to fully distribute model simulator, live force, C4I and network data to the sites identified and approved by all services in the JNTC communications implementation plan. The proposed components will establish the basic communications architecture required to support the GCCC, it's associated hub-sites, as well as the level 1 and 2 sites that are in the future of the JNTC federation. FY-04-09 USJFCOM funding was inadvertently realigned to Naval Air Systems Command (NAVAIR).

TRAINING RESOURCE STRATEGY (TRS)

This project supports the Navy's transition of fleet training from Vieques Puerto Rico to various locations along the East Coast and Gulf of Mexico. The TRS invests in or procures training instrumentation and tracking systems (air, surface and subsurface), threat presentation systems, scoring systems and communications systems at several existing training locations including but not limited to Oceana, Cherry Point, Beaufort, Townsend, Key West and Atlantic Underwater Test and Evaluation (AUTEC). Specifically, the FY2003 program procures a threat representitive early warning/acquisition radar and a coastal threat system, additional naval surface fire support scoring systems (both fixed and portable), voice and data communication improvements, laser, straffe, and bomb scoring systems and upgrades, targets upgrades, expanded electronic warfare threat control, and a ship self radiated noise measurement system.

The FY2004 program provides an additional coastal threat system, upgrades to existing threats to make them react to aircrew actions, radiating emitter simulator systems capable of stimulating shipboard anti-cruise missile defense systems, a communication jammer, additional range interconnectivity, additional targets, and upgrades to Naval Surface Fire Support (NSFS) Scoring System (Portable).

The FY2005 program provides an additional coastal threat system, more upgrades to existing threats, additional radiating emitter simulator systems, additional range interconnectivity, additional targets, and replaces obsolete components in the Large Area Tracking Range (LATR) system.

BUDGET ITEM JUSTIFICATION SHEET FO P-40a	R AGGREGATED I	TEMS			DATE:		February 2004		
APPROPRIATION/BUDGET ACTIVITY				P-1 ITEM	NOMENCLA	TURE	•		
OTHER PROCUREMENT, NAVY/ BA-3 Aviation Support			WEAPONS RAI	NGE SUPPORT	EQUIPMENT				
Procurement Items	ID Code	Prior Years	FY 2003	FY 2004	FY 2005			To Complete	Total
ELECTRONIC WARFARE THREAT RADAR UPGRADE (FALLON)									
QUANTITY COST (In Thousands)									0
EW THREAT SYSTEMS (MAEWR/DARE) QUANTITY									0
COST (In Thousands)									0
EW THREAT SYSTEMS (SCORE) QUANTITY COST (In Thousands)									0
MRES (FALLON)									
QUANTITY COST (In Thousands)		5,300							1 5,300
MTES (FALLON) QUANTITY			1						1
COST (In Thousands)			6,376						6,376
SRAM QUANTITY		VAR	VAR	VAR	VAR				
COST (In Thousands)		65,221	3,952	4,346	3,452			CONT	CONT
COMM UPGRADES QUANTITY		1							1
COST (In Thousands)		787							787
ITCS UPGRADES QUANTITY		2	1						3
COST (In Thousands)		500	316						816
CCN-II 1/ QUANTITY			N/A						
COST (In Thousands)			186						186
CUANTITY CUANTITY		1							1
COST (In Thousands)		4226							4,226
LATR FREQ CONV TO 433MHz QUANTITY		147							147
COST (In Thousands) LATR GROUND SYSTEM REHOST		3710							3,710
QUANTITY		3 97							3 97
COST (In Thousands) LATR ATSTS REPLACEMENT		97							äl
QUANTITY COST (In Thousands)									0
LATR PORTABLE TEST UNIT REPLACEMENT									, ,
QUANTITY COST (In Thousands)									0
TEST & TRAINING ENABLING ARCHITECTURE (TENA)									-
QUANTITY COST (In Thousands)				VAR 500					500
U.S. JOINT FORCES COMMAND (USJFCOM) 2/									
QUANTITY COST (In Thousands)				VAR 7,000	VAR 12,000			CONT	CONT
TCTS									
TRANSPORTABLE/MOBILE CORE QUANTITY				1					1
COST (In Thousands)				381					381
FIXED RANGE REPEATER QUANTITY				1					1
COST (In Thousands)				269					269

BUDGET ITEM JUSTIFICATION SHEET FO P-40a	N AGGNEGATED T	LINIO			DATE:			February 2004		
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/ BA-3 Aviation Suppor	t Equipment		WEAPONS RAI	P-1 ITEM NGE SUPPORT I	NOMENCLA' EQUIPMENT	TURE				
Procurement Items	ID Code	Prior Years	FY 2003	FY 2004	FY 2005				To Complete	Total
JTRS RETROFIT KITS										
QUANTITY COST (In Thousands)									286 CONT	286 CONT
SHIPBOARD GROUND SUBSYSTEM QUANTITY					1				4	5
COST (In Thousands)					1,020				CONT	CONT
TRANSPORTABLE GROUND SUBSYSTEM QUANTITY										0
COST (In Thousands)										0
PORTABLE GROUND SUBSYSTEM QUANTITY					4				16	20
COST (In Thousands)					100				400	500
FIXED GROUND SUBSYSTEM										
QUANTITY COST (In Thousands)										0
REMOTE RANGE UNIT										
QUANTITY COST (In Thousands)										0.0
ARGETS/SMART TARGETS										
QUANTITY COST (In Thousands)									CONT	CONT
UNDERWATER RANGES										
PORTABLE UNDERWATER TRAINING RANGE (PACFLT) QUANTITY										0
COST (In Thousands)										0
PORTABLE MIW TRAINING SYSTEM QUANTITY										0
COST (In Thousands)										0.0
MRFCONGRESSIONAL ADD QUANTITY		VAR								
COST (In Thousands)		15,000								15,000
PMRFUPGRADES QUANTITY		VAR	VAR							
COST (In Thousands)		8,100	5,992							14,092
PMRF MRES										
QUANTITY COST (In Thousands)		7,500								7,500
'RS 2/										
SURFACE SEARCH RADAR QUANTITY			1							1
COST (In Thousands)			270							270
EARLY WARNING/ACQUISITION RADAR										
QUANTITY			1 5 0 4 0							1 5,046
COST (In Thousands)			5,046							5,046
COASTAL THREAT SYSTEMS QUANTITY			1	1	1					3
COST (In Thousands)			6,343	6,519	4,903		İ			17,765

BUDGET ITEM JUSTIFICATION SHEE P-40a	T FOR AGGREGATED IT	TEMS			DATE:			February 2004			
APPROPRIATION/BUDGET ACTIVITY				P-1 ITEM	NOMENCLA	TURE					
OTHER PROCUREMENT, NAVY/ BA-3 Aviation Sup	port Equipment		WEAPONS RAI	NGE SUPPORT	EQUIPMENT						
Procurement Items	ID Code	Prior Years	FY 2003	FY 2004	FY 2005					To Complete	Total
REACTIVE TRES										<u> </u>	
QUANTITY				11	8		-				19
COST (In Thousands)				7,331	5,336						12,667
COST (In Thousands)				7,331	5,336	 					12,667
RADAR EMISSION SIMULATING SET											
QUANTITY				3	5					15	23
COST (In Thousands)				1,800	3,200					11,250	16,250
COMMUNICATION JAMMERS						 					
QUANTITY			+	1	1						2
COST (In Thousands)				1,083	900						1,983
				1,000							1,000
NSFS SCORING RANGE (FIXED)											
QUANTITY		ļ	1		ļ	<u> </u>				ļ	1
COST (In Thousands)			10,325								10,325
NSFS SCORING SYSTEM (PORTABLE)				1		+			 	1	
QUANTITY	<u> </u>		9	1		 	+				10
COST (In Thousands)	<u> </u>		2,638	2,319		 	+				4,957
COST (III Triousarius)			2,030	2,319							4,937
COMMUNICATION SYSTEM UPGRADES											
QUANTITY			VAR								
COST (In Thousands)			1,050								1,050
RANGE SCORING SYSTEM UPGRADES QUANTITY											
COST (In Thousands)			VAR 431	VAR 30							461
oce (in modelina)			101								101
TARGETS											
QUANTITY				VAR	VAR						
COST (In Thousands)				200	212					CONT	CONT
TRACKING SYSTEM UPGRADES											
QUANTITY	-		144.0		VAR		-				
COST (In Thousands)			VAR 1,280	VAR 700	2,944						4,924
CCCT (III Triousarius)			1,200	700	2,544						4,524
ADNS											
QUANTITY			1								1
COST (In Thousands)			227								227
									ļ	ļ	
SSRNM RANGE		 		1	 	 			 	<u> </u>	
QUANTITY		ļ	1		ļ	 			 	1	1
COST (In Thousands)			2,885	1		+			1	1	2,885
KEY WEST PORT OPS EQIUPMENT						† †					
QUANTITY		1								VAR	
COST (In Thousands)										1,400	1,400
OTHER COSTS		915,888	6,696	6,473	10,576	 			ļ	CONT	CONT
						 	+			1	
TOTAL FUNDING		1,026,329	54,013	38,951	44,643					CONT	CONT
1/ FY-95 prior year bill paid with FY-03 funds.				-		+			-	 	
17 1 1-55 prior year bill paid with F 1-05 funds.		†			†	 	-			1	
		1	1							İ	

	WEAPONS SYSTEM COST ANALYSIS P-5						APONS SYSTI	EΜ			DATE: Februa	ary 2004
	ATION/BUDGET ACTIVITY			ID Code	P-1 ITEM NOMEN	CLATURE/SUBHE	AD	43SC				-
	curement, Navy ion Support Equipment					v	/EAPONS RA		RT EQUIPMEN	IT		
COST	ELEMENT OF COST	ID	Prior	FY 2003				FY2004			FY2005	
CODE		Code	Years Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	ELECTRONIC WARFARE											
SC102	THREAT RADAR UPGRADE (FALLON)											
SC103 SC104	EW THREAT SYSTEM (MAEWR/DARE) EW THREAT SYSTEM (SCORE)											
SC104 SC002	MRES (FALLON)	N/A	5,300									
SC703	MTES (FALLON)	N/A	3,300	1	6.376	6.376						
SC004	SRAM	IN/A	65,221	VAR	VAR	3,952	VAR	VAR	4,346	VAR	VAR	3,452
SC018	COMMUNICATION UPGRADES		787	VAIX	VAIC	3,332	VAIC	VAIX	4,540	VAIC	VAIC	3,432
SC118	ITCS UPGRADE		500	1	316	316						
SC027	CCN-II 1/		***	N/A	N/A	186						
SC027	LATR SYSTEM		4,226	IN/A	IVA	100						
SCXXX	U.S. JOINT FORCES COMMAND (USJFCOM)		1,220				VAR	VAR	7,000	VAR	VAR	12,000
SC133	TEST & TRAINING ENABLING ARCHITECTURE (TENA)						VAR	VAR	500			,
SC134	LATR FREQ CONVERSION TO 433 MHz		3,710									
SC135	LATR GROUND SYSTEM REHOST		97									
SC136	LATR ATSTS REPLACEMENT											
SC137	LATR PORTABLE TEST UNIT REPLACEMENT											
SC039	TCTS											
	TRANSPORTABLE/MOBILE CORE						1	381	381			
	FIXED RANGE REPEATER						1	269	269			
SC037	JTRS RETROFIT KITS											
SC038	SHIPBOARD GROUND SUBSYSTEM									1	1,020	1,020
SC039	TRANSPORTABLE GROUND SUBSYSTEM											
SC138 SC139	PORTABLE GROUND SUBSYSTEM FIXED GROUND SUBSYSTEM									4	25	100
SC140	REMOTE RANGE UNIT											
SC041	TARGETS/SMART TARGETS											
000-11	UNDERWATER RANGES											
SC012	PORTABLE UNDERWATER TRAINING RANGE (PACFLT)											
SC112	PORTABLE MIW TRAINING SYSTEM											
SC700	PMRF CONGRESSIONAL ADD	N/A	15,000									
SC702	PMRF UPGRADES	N/A	8,100	VAR	VAR	5,992						
SC701	PMRF MRES	N/A	7,500			.,						
	TRS											
SC141	SURFACE SEARCH RADAR			1	270	270						
SC142	EARLY WARNING/ACQUISITION RADAR			1	5,046	5,046						
SC143	COASTAL THREAT SYSTEMS			1	6,343	6,343	1	6,519	6,519	1	4,903	4,903
SC144	REACTIVE TRES						11	666.46	7,331	8	667	5,336
SC145	RADAR EMISSION SIMULATING SET						3	600	1,800	5	640	3,200
SC146	COMMUNICATION JAMMERS						1	1,083	1,083	1	900	900
SC147	NSFS SCORING RANGE (FIXED)			1	10,325	10,325						
SC148	NSFS SCORING SYSTEM (PORTABLE)			9	293.12	2,638	1	2,319	2,319			
SC149	COMMUNICATION SYSTEM UPGRADES			VAR	VAR	1,050						
SC150	RANGE SCORING SYSTEM UPGRADES			VAR	VAR	431	VAR	VAR	30	1445		
SC151 SC152	TARGETS TRACKING SYSTEM UPGRADES			VAR	VAR	1.280	VAR VAR	VAR VAR	200 700	VAR VAR	VAR VAR	212
SC152 SC153	TRACKING SYSTEM UPGRADES ADNS			VAR 1	VAR 227	1,280	VAR	VAR	/00	VAR	VAR	2,944
SC153 SC154	SSRNM RANGE			1	2,885	2,885						
SC154 SC155	KEY WEST PORT OPS EQIUPMENT			1	2,000	2,000						
SC831	PRODUCTION ENGINEERING, OTHER	N/A	86,770			5.329			4.103			8.156
SC831 SC860	ACCEPTANCE TEST & EVALUATION	N/A N/A	7,336			5,329 145			4,103 665			636
SC900	INSTALLATION OF EQUIP-NON FMP	N/A	10,476			300			350			840
SC971	ILS, OTHER RANGES	N/A	33,225			922			1,355			944
	VARIOUS 2/		778.081						.,500			
	r year bill paid with FY-03 funds.		5,001									
	i year our pard with 1 1-03 fames. I identified against this cost element reflects total prior year funding associate	d with co	st elements no lo	nger financed in F	Y2002 and beyon	d.						
			1,026,329		1	54,013			38,951			44,643

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBI	II (P-5A)					Weapon System	,	A. DATE February	2004	
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE	1	i esiuai y	SUBHEAD	
Other Procurement, Navy BA-3 AVIATION SUPPORT EQUIPMENT					NA/E A	PONS RANGE SUPPORT EQ	LUDMENT		4250	
					CONTRACT			DATE OF	43SC SPECS	IF NO
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	FIRST DELIVERY	AVAILABLE NOW	WHEN AVAILABLE
ELECTRONIC WARFARE										
SC002 MRES 2002										
2002	1	5,300	NAVAIR	5/02	FFP/OPTION	Northrop/Grumman/Amherst	07/02	06/04	YES	N/A
SC703 MTES (FALLON)										
2003	1	6,376	TMSO/Redstone	4/03	CPFF/OPTION	Sierra Research	05/03	6/05	YES	N/A
SC004 SYS REPL & MOD (SRAM)										
2004	VAR	VAR	FED IND SUP CTR	VAR	VAR	VAR	**	08/04	YES	N/A
2005	VAR	VAR	FED IND SUP CTR	VAR	VAR	VAR	**	08/05	YES	N/A
SC138 TCTS										
TRANSPORTABLE/MOBILE CORE 2004	1	381	ACC/WMR	11/02	FFP	Outris Defense Application	01/04	00/04	NO	5/04
	1	381	ACC/WMR	11/02	FFP	Cubic Defense Application	01/04	09/04	NO	5/04
SC140 TCTS FIXED RANGE REPEATER	1	269	ACC/WMR	11/02	FFP	Cubic Defense Application	01/04	09/04	NO	5/04
2004	'	269	ACC/WWR	11/02	FFF	Cubic Defense Application	01/04	09/04	NO	5/04
SC038 SHIPBOARD GROUND SUBSYSTEM										
2005	1	1020	ACC/WMR	11/02	FFP	Cubic Defense Application	10/04	11/05	N/A	N/A
SC138 PORTABLE GROUND SUBSYSTEM 2005	4	25	ACC/WMR	11/02	FFP	Outris Defense Application	10/04	07/05	NO	5/04
2005	4	25	ACC/WINR	11/02	FFP	Cubic Defense Application	10/04	07/05	NO	5/04
U.S. JOINT FORCES COMMAND (USJFCOM)										
2004	VAR	VAR	VAR	VAR	VAR	VAR	N/A	N/A	N/A	N/A
2005	VAR	VAR	VAR	VAR	VAR	VAR	N/A	N/A	N/A	N/A
SC133 TEST & TRAINING ENABLING ARCHITECTURE (TENA)										
2004	VAR	VAR	VAR	VAR	VAR	VAR	TBD	TBD	NO	N/A
TRS										
SC141 TRS										
2003 SURFACE SEARCH RADAR	1	270	NSWC Corona	N/A	PX	NSWC Corona	11/03	11/04	N/A	N/A
SC142 TRS 2003 EARLY WARNING/ACQUISITION RADAR	1	5046	NAWCWDCL	9/03	CPFF	LOCKHEED MARTIN	11/03	04/06	NO	10/03
2003 EARET WARRING/ACQUISITION RADAR	'	3040	NAWOWDOL	9/03	CFII	LOCKILLED WARTIN	11/03	04/00	NO	10/03
SC143 TRS										
2003 COASTAL THREAT SYSTEMS	1	6343	NAWCWDCL	5/03	CPFF	LOCKHEED MARTIN	11/03	04/06	NO	10/03
2004 COASTAL THREAT SYSTEMS 2005 COASTAL THREAT SYSTEMS	1	6519	NAWCWDCL NAWCWDCL	10/03 10/04	CPFF CPFF	LOCKHEED MARTIN LOCKHEED MARTIN	12/03 01/05	07/06	NO	10/03 10/03
2003 COASTAL THREAT STSTEMS	'	4903	NAWCWDCL	10/04	CFFF	LOCKHEED WARTIN	01/05	01/07	NO	10/03
<u>SC144 TRS</u>										
2004 REACTIVE TRES	11	666.46	NAWCWDCL	10/03	CPFF	LOCKHEED MARTIN	12/03	06/05	NO	10/03
2005 REACTIVE TRES	8	667	NAWCWDCL	11/04	CPFF	LOCKHEED MARTIN	01/05	06/06	NO	10/03
<u>SC145 TRS</u>										
2004 RADAR EMISSION SIMULATING SET	3	600	NAWCWD PT Mugu	N/A	PX	NAWCWD PT Mugu	01/04	11/04	N/A	N/A
2005 RADAR EMISSION SIMULATING SET	5	640	NAWCWD PT Mugu	N/A	PX	NAWCWD PT Mugu	12/04	12/05	N/A	N/A
<u>SC146 TRS</u>										
2004 COMMUNICATION JAMMERS	1	1083	NAWCWDCL	11/03	FFP	TBD	03/04	01/05	NO	N/A
2005 COMMUNICATION JAMMERS	1	900	NAWCWDCL	11/04	FFP	TBD	01/05	01/06	NO	N/A
SC147 TRS										
2003 NSFS SCORING RANGE (FIXED)	1	10325	NUWC Newport	N/A	PX	NUWC Newport	08/04	03/06	N/A	N/A
					'"		33,01	00,00	''''	

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (2-5A)					Weapon System	4	A. DATE		
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE		February	SUBHEAD	
Other Procurement, Navy BA-3 AVIATION SUPPORT EQUIPMENT					WEA	APONS RANGE SUPPORT EQ	JIPMENT		43SC	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	IF NO WHEN AVAILABL
SC148 TRS										
2003 NSFS SCORING SYSTEM (PORTABLE)	9	293.12	NSWC Indian Head	N/A	PX	NSWC Indian Head	01/04	02/06	N/A	N/A
2004 NSFS SCORING SYSTEM (PORTABLE)	1	2319	NSWC Indian Head	N/A	PX	NSWC Indian Head	02/04	02/06	N/A	N/A
SC149 TRS										
2003 COMMUNICATION SYSTEM UPGRADES	VAR	VAR	NSWC Corona	N/A	PX	NSWC Corona	2/04	6/04	N/A	N/A
SC150 TRS										
2003 RANGE SCORING SYSTEM UPGRADES	VAR	VAR	NSWC Corona	N/A	PX	NSWC Corona	12/03	12/04	N/A	N/A
2004 RANGE SCORING SYSTEM UPGRADES	VAR	VAR	NSWC Corona	N/A	PX	NSWC Corona	3/04	12/04	N/A	N/A
SC151 TRS										
2004 TARGETS	VAR	VAR	VAR	VAR	VAR	VAR	3/04	08/04	N/A	N/A
2005 TARGETS	VAR	VAR	VAR	VAR	VAR	VAR	12/04	08/05	N/A	N/A
SC152 TRS										
00102 1110			NAWCWDCL/NSWC							
2003 TRACKING SYSTEM UPGRADES	VAR	VAR	Corona	VAR	VAR	VAR	3/04	09/04	N/A	N/A
2004 TRACKING SYSTEM UPGRADES	VAR	VAR	NAWCWDCL	VAR	VAR	VAR	3/04	12/04	N/A	N/A
2005 TRACKING SYSTEM UPGRADES	VAR	VAR	NAWCADPAX	VAR	VAR	VAR	01/05	01/06	N/A	N/A
100 TO GRANTO OT OTEN OF OTTABLE	7711	V/313	.vavoabi ax	VAIX	YAIN	VAN	01/03	01/00	13/73	13//
SC154 TRS										
2003 SSRNM RANGE	1	2885	NUWC Keyport	N/A	PX	NUWC Keyport	1/04	6/05	N/A	N/A
							l			

D. REMARKS

**SRAM, TARGETS, AND PMRF Upgrades consists of a variety of projects each FY with award dates starting when funds are released.

UNCLASSIFIED

	BU	DGET	ITEM JUSTIFICATION	N SHEET			DATE:				
			P-40					F	ebruary 20	004	
APPROPRIATION/B	SUDGET ACTIVI	TY				P-1 ITEM NO	DMENCLATUR	RE			
OTHER PROCU	REMENT, NA	VY/ BA	A-3 Aviation Support	Equipment			Expedition	nary Airfiel	ds/43SE	420	800
Program Element fo	r Code B Items:					Other Relate	d Program El	ements			
Not Applicable											
	Prior Years	ID Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY											
COST (In Millions)	\$148.1		\$7.3	\$7.5	\$7.5	\$7.8	\$8.0	\$8.1	\$8.3	CONTINUING	CONTINUING

EXPEDITIONARY AIRFIELDS (EAF)

This program provides for procurement of aircraft recovery equipment, landing mat and accessories, airfield lighting, and Visual Landing Aids for Naval Aviation Expeditionary Airfields (EAF).

This core funding level directly supports the procurement and fielding of operational expeditionary airfield systems in the three active duty Marine Aircraft Wings and one Reserve Marine Aircraft Wing, testing and training installations, and provides assets for use by the Marine Expeditionary Forces during contingency operations.

A total of twenty-eight (28) mobile arresting gear systems (2 refurbished Engineering Development Model (EDM)) systems and 26 Other Procurement, Navy (OPN) procured systems, as well as associated equipment, accessories, and service changes are procured and fielded with these funds. Equipment procurements are based on inventory shortfalls, product improvements to fill or correct known deficiencies, modernizing EAF equipment to improve maintainability, reliability, and safety-of-flight, and to keep pace with new aircraft and aircraft systems. Additionally, equipment procurements will facilitate forward deployment of EAF systems aboard Rapid Deployment Force/Maritime Prepositioning Force (RDF/MPF) ships which is an operational requirement under the Maritime Corps Master Plan, the Enhanced Maritime Prepositioning Squadron (EMPS) requirement, and the EAF 2000 concept.

The FY 2003 budget request provides for service change kit procurements, MOSLS CABKITs, M-31 Mobile Arresting Gear, PE, and ILS for EAF procurement products.

The FY 2004 budget request provides for service change kit procurements, M-31 Mobile Arresting Gear, PE, and ILS for EAF procurement products.

The FY 2005 budget request provides for service change kit procurements, MOSLS CABKIT, M-31 Mobile Arresting Gear, PE, and ILS for EAF procurement products.

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CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 92 PAGE NO.

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BUDGE	Γ ITEM J	USTIFICA	TION SHEE	T FOR AGG	REGATED	ITEMS		DATE:			
			P-40a						Fe	bruary 2004	
APPROPRIATION/BUDGET A	CTIVITY						P-1 ITEM NO	MENCLATURE		•	
OTHER PROCUREMENT	, NAVY						EXPEDITIO	NARY AIRFIEL	DS / 43SE		
	, ID	Prior								To	
Procurement Items	Code	Years		FY 2003	FY 2004	FY 2005				Complete	Total
SERVICE CHANGE KITS	Α	16.4		0.5	0.9	0.2				Continuing	Continuing
AM-2 MAT											
QUANTITY		24		50	173	29				Continuing	Continuing
COST (In Millions)				(0.5)	(0.9)	(0.2)			-	Continuing	Continuing
M-31 Mobile Arresting Gear											
QUANTITY										Continuing	Continuing
COST (In Millions)										Continuing	Continuing
,											
MOSLS	Α	11.0		0.3		0.7				Continuing	Continuing
MOSKIT											
QUANTITY										Continuing	Continuing
COST (In Millions)		(3.6)								Continuing	Continuing
SALKIT											
QUANTITY										Continuing	Continuing
COST (In Millions)		(5.9)								Continuing	Continuing
CARICIT											
CABKIT QUANTITY				2						Continuing	Cantinuina
COST (In Millions)		(1.5)		(0.3)		(0.7)				Continuing Continuing	Continuing
COST (III Millions)		(1.5)		(0.3)		(0.7)			+	Continuing	Continuing
M-31 Mobile Arresting Gear	Α										
QUANTITY				7	7	7					21
COST (In Millions)		5.5		6.4	6.4	6.5					19
OTHER COSTS		47.5		0.0	0.0	0.0			+	Continuina	Cantinuina
OTHER COSTS	Α	17.5		0.2	0.2	0.2			+	Continuing	Continuing
VARIOUS 1/	Α	97.8								Continuing	Continuing
1/ The amount identified against th	ie coet alam	ant raflacts to	tal prior year fu	nding associated	with cost clama	nte no longor fin	anced in EV200	2 and heyond	-		
2/ Totals may not add due to round		ובווג ובוובטנט נג	nai piloi yedi lui	luling associated	WILLI COST CIGILIG	no no longer line		z and beyond.	+		
2, Totalo may not add duo to round	9.							+	+	+	
TOTAL		148.1		7.3	7.5	7.5				Continuing	Continuing
·											- 0

CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 92 PAGE NO. 2

CLASSIFICATION: UNCLASSIFIED

WEAPONS SYSTEM CO P-5	OST ANA	LYSIS		Weapon Sy	/stem							ry 2004	
PRIATION/BUDGET ACTIVITY rocurement, Navy viation Support Equipment				ID Code					/ 43SE				
		TOTAL COST IN TH	HOUSANDS OF	DOLLARS									
ELEMENT OF COST	ID Code	Prior Years				FY 2003			FY 2004			FY 2005	
		Total Cost			Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cos
Service Change Kits		16,399					450			896			24
AM-2 Mat M-31					50	9	(450)	173	5	(896)	29	9	(24
MOSLS		10,996					324						660
MOSKIT SALKIT CABKIT		(3,588) (5,938) (1,470)			3	108	(324)				6	110	(66)
M-31 Mobile Arresting Gear M-31 Mobile Arresting Gear Refurbishment for 2 EDM Units		4,633 835			7	915	6,405	7	920	6,440	7	921	6,45
Integrated Logistics Support		4,062					88			90			8:
Production Engineering		13,395					82			87			86
Acceptance Test & Evaluation													
Various 1/		97,824											
		148,144					7,349			7.513			7,527
	P-5 PRIATION/BUDGET ACTIVITY PROCUREMENT, Navy Viation Support Equipment ELEMENT OF COST Service Change Kits AM-2 Mat M-31 MOSLS MOSKIT SALKIT CABKIT M-31 Mobile Arresting Gear M-31 Mobile Arresting Gear Refurbishment for 2 EDM Units Integrated Logistics Support Production Engineering Acceptance Test & Evaluation	P-5 PRIATION/BUDGET ACTIVITY Procurement, Navy viation Support Equipment ELEMENT OF COST ID Code Service Change Kits AM-2 Mat M-31 MOSLS MOSKIT SALKIT CABKIT M-31 Mobile Arresting Gear M-31 Mobile Arresting Gear Refurbishment for 2 EDM Units Integrated Logistics Support Production Engineering Acceptance Test & Evaluation	TOTAL COST IN THE	P-5	P-5 ID Code P-5	P-5	P-5 ID Code P-1 ITEM NOMENCLATURE/SUBHEAL	P-5	P-5	P-1	P-5	P-1 TEM NOMENCLATURE/SUBHEAD	

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1/ The amount identified against this cost element reflects total prior year funding associated with cost elements no longer financed in FY2002 and beyond.

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BUDGET PROCUREMENT I	HISTORY AND	PLANNIN	IG EXHIBIT (P-5A)			Weapon System		A. DATE		
								F	ebruary 2	004
B. APPROPRIATION/BUDGET ACTIVI	TY				C. P-1 ITEM NOM	IENCLATURE			SUBHEAD	
Other Procurement, Navy					EVDEDITION	ADV AIDEIEI DO			4005	
BA3 - Aviation Support E	quipment		1		CONTRACT	ARY AIRFIELDS		DATE OF	43SE TECH DATA	DATE
Cost Element/ FISCAL YEAR	FISCAL YEAR COST OF PO	LOCATION OF PCO	RFP ISSUE DATE	METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	FIRST DELIVERY	AVAILABLE NOW ?	REVISIONS AVAILABLE	
FY 2003										
Service Change Kits	50	9	NAWCADLKE	Aug-02	Option-FFP	Deschamps, Angouleme, FR Winster Grove, Birmingham	Nov-02	Apr-03	Yes	N/A
MOSLS - CABKIT	3	108	NAWCADLKE	Dec-01	Option-FFP	UK	Dec-02	Dec-03	No	NA
M-31 Arresting Gear	7	915	NAWCAD LKE	Dec-97	Option-FPI(ST)	ESCO - Aston, PA	Nov-02	Nov-03	Yes	Apr-02
FY 2004										
Service Change Kits	173	5	NAWCADLKE	Aug-03	Option-FFP	Deschamps, Angouleme, FR	Nov-03	Apr-04	Yes	N/A
M-31 Arresting Gear	7	920	NAWCAD LKE	Dec-97	Option-FPI(ST)	ESCO - Aston, PA	Nov-03	Nov-04	Yes	Apr-02
FY 2005										
Service Change Kits	29	9	NAWCADLKE	Aug-04	Option-FFP	Deschamps, Angouleme, FR Metalite Aviation Lighting - Winster Grove, Birmingham	Nov-04	Apr-05	Yes	N/A
MOSLS - CABKIT	6	110	NAWCADLKE	Dec-01	Option-FFP	UK	Nov-04	Nov-05	No	NA
M-31 Arresting Gear	7	921	NAWCAD LKE	Dec-97	Option-FPI(ST)	ESCO - Aston, PA	Nov-04	Nov-05	Yes	Apr-02
D. REMARKS						<u> </u>		1		

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

ITEM NO. 92 PAGE NO. 4

CLASSIFICATION: UNCLASSIFIED

Exhibit P-20, Requireme	nts Study	APPROPRIATIO	N/BUDGET ACTIV	ITY				Date:	
-	-	Other Procuren	nent, Navy/BA-3					Febr	uary 2004
P-1 ITEM NOMENCLATUR	E	Admin Leadtim	e (after Oct 1):			Production Lea	dtime:	•	<u> </u>
Expeditionary Airfields		1 Month				12 Months			
,									
			FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Buy Summary			7	7	7				
Unit Cost			915	920	921				
Total Cost			6,405	6,440	6,450				
Asset Dynamics									
Beginning Asset Position			2	7	14	21			
Deliveries from all prior year	funding		5						
Deliveries from FY 2003 fun				7					
Deliveries from FY 2004 fun	ding				7				
Deliveries from FY 2005 fun	ding					7			
Deliveries from subsequent	years' funding								
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrit	ions/etc.								
End of Year Asset Position			7	14	21	28			
Inventory Objective or Curre	ent Authorized Allowance								
Inventory Objective	Actual Training	Other than Tra	ining	Disposals			Vehicles Eligible f		Aircraft:
28	Expenditures	Usage		(Vehicles/Other)		FY 2004 Replace		TOAI:
Assets Rqd For Combat	FY 2003 thru	FY 2003 thru		FY 2003 thru			Vehicles Eligible f		PAA:
Loads:	31 Jul 03	31 Jul 03		31 Jul 03			FY 2005 Replace		TAI
WRM Rqmt:	FY 2002:	FY 2002:		FY 2002:			Vehicle Augment:		Attrition Res:
Pipeline:	FY 2001:	FY 2001:		FY 2001:	·				BAI
Other:	FY 2000:	FY 2000:		FY 2000:					Inactive Inv:
TOTAL:					·				Storage:

Remarks:

P-1 SHOPPING LIST

CLASSIFICATION:

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ITEM / MANUFACTURER F S Q D B S C V C Y L L L C O E A E A F A P A U U U U E C O E A E A F A P A U U U U E C C O E A E A F A P A U U U U E C C O E A E A F A P A U U U U E C C O E A E A F A P A U U U U E C C O E A E A F A P A U U U U E C C O E A E A F A P A U U U U E C C O E A E A F A P A U U U U E C C O E A E A F A P A U U U U E C C O E A E A F A P A U U U U E C C O E A E A F A P A U U U U U E C C C O E A E A F A P A U U U U U E C C C C C C C E A E A F A P A U U U U U E C C C C C C C C C C C C C C	FY2005 BUDGET PRODUCT			LE, P	-21														DATE			Fe	bru	uary	/ 20	04					
Manufacturer's Name and Location MSR ECON MAX ALT Prior ALT After Initial Mig PLT Mig PLT Total Meas													,	Wea	apon	Sys	stem		P-1 I								ELDS	S			
Hem								Prod	lucti	ion F	Rate					Pro	curen	ner	nt Lea	dtime	s										
ITEM / MANUFACTURER F S Q D B Y V T E A C V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G P T V C N B R R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V N L G R V	Item		lame	and L	.ocatio	n	MS	SR	EC	ON	MA	λX						r								Tota	al				
TEM / MANUFACTURER F	M-31 Arresting Gear	ESCO) - As	ton, P	PΑ		0.3	33		1	1.2	25		0			1			12			12			13			E	<u> </u>	
TEM/MANUFACTURER																															
Y												1					FISC	CAL YI	EAR :	2003											
C	ITEM / MANUFACTURER		V T E A O N D J F M A M J J									R 2002							CA	LEND	AR Y	EAR 2	2003								
M-31 Arresting Gear 2003 N 7 0 7 1 1 1 1 1 1 1 1 1		Y		T E A O N D J F M C O E A E A T V C N B R							Α	Р	Α	Ū	U	U	Ε	С	0	Ε	Α	Е	Α	Р	Α	U	U	U	S E P	A L	
TEM / MANUFACTURER F S Q D B A C O N D J F M A B C O D E A E A P A U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U U E C O E A E A E A P A U U U U U U E C O E A E A E A P A U U U U U U U E C O E A E A E A P A U U U U U U U E C O E A E A E A P A F E A P A U U U U U U E C O E A E A E A P A U U U U U U U U U U U U U U U U U	M-31 Arresting Gear	2003	N	7	E A O N D J F M A M J . C O E A E A P A U L T V C N B R R Y N												A											7			
TEM / MANUFACTURER F S Q D B A L C O R A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A F Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N							T V C N B R																								
TEM/MANUFACTURER F S Q D B Z003 CALENDAR YEAR 2005 CALENDAR YEA																														<u> </u>	
TEM / MANUFACTURER F S Q D B A C O N D J F M A B C O D E A E A P A U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U U E C O E A E A E A P A U U U U U U E C O E A E A E A P A U U U U U U U E C O E A E A E A P A U U U U U U U E C O E A E A E A P A F E A P A U U U U U U E C O E A E A E A P A U U U U U U U U U U U U U U U U U																															
TEM / MANUFACTURER F S Q D B A L C O R A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A F Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N L G N																		4													Ł
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M-31 Arresting Gear 2004 N 7 0 7 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEM/ MANGE//OTONER		V	Т	Е	Α	0	N O	Е	Α	Е	Α	A P	M A	Ŋ	J	A U	Ε	С	0	E	Α	Е	M A	A P	M A	Ŋ	Ŋ	U	S E P	E A
M-31 Arresting Gear 2004 N 7 0 7 A	M-31 Arresting Gear	2003	N	7	0	7										_	Ū	1		•			_			·		Ė	Ť	÷	0
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DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST

311/244 ITEM NO. 92 PAGE NO. 6 Exhibit P-21 Production Schedule

FY 2005 BUDGET PRODUCT			JLE, F	P-21								Mod	nor	S.//	stem	DATE		4 5 16		bru								_
OTHER PROCUREMENT												vvea	арог					XPE						LDS	3			
						Pi	oduc	tion	Rate						cureme				T _									
Item		Name		.ocatio	n	MSF	1-	8-5	M			T Pi Oct			T After Oct 1		Initia Ifg PL			eord fg P			Tota		L	Mea	it of sure	
M-31 Arresting Gear	ESC) - As	ton, P	'A		0.33		1	1.2	25		0			1		12			12			13			E		
							+																					
									FISCA	I YFA	R 200	n6								FISC	CAL Y	EAR 2	2007					
ITEM / MANUFACTURER	F	S	Q	D	В	200	5	1		,			NDAF	YEA	R 2006									EAR 2	:007			
	Y	C	T Y	E L	A L	O N C C) E	J A N	F E B	M A R	A P R	M A Y	Z C C	J J	A S U E G P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	Z C C	J U	A U G	S E P	B A L
M-31 Arresting Gear	2005	N	7	0	7		1	1	1	1	1	1																0
									FISC	CAL Y	EAR 2	2008								FISC	CAL Y	EAR :	2009		_			
ITEM / MANUFACTURER	F	S	Q	D	В	200	7					CALE	NDAF	YEA	R 2008						CA	LEND	AR YI	EAR 2	.009			l
	Y	C	T Y	E L	A L	O N C C T \) E	J A N	F E B	M A R	A P R	M A Y	J U N	JUL	A S U E G P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J J	A U G	S E P	B A L
Damanka																												
Remarks:																												

DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST

UNCLASSIFIED

	BUD	GET I	TEM JUSTI	FICATION	SHEET			DATE:				
			P-40	0					F	ebruary 20	04	
APPROPRIATION/BUDG	GET ACTIVI	TY					P-1 ITEM NO	MENCLATUR	RE	BLI 421400		
Other Procurement	, Navy/BA	\-3 - A	viation Sup	port Equip	oment			A/C R	earming E	quipment -	43SH	
Program Element for Co	de B Items:						Other Relate	d Program Ele	ements			
	Prior	ID									То	
	Years	Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY												
COST (In Millions)	\$289.0	A		\$11.6	\$11.8	\$11.7	\$12.2	\$12.4	\$12.6	\$12.9	Continuing	Continuing

This program funds the procurement of common Armament Support Equipment (ASE), and Weapons Support Equipment (WSE) under the procurement and inventory control of the Naval Inventory Control Point (NAVICP) and the Naval Air Systems Command.

This budget line supports: (a) initial outfitting for all in-production weapons systems; (b) procurement of new support equipment (SE), and (c) procurement of Armament Weapon Support Equipment (AWSE). These items support sustained operations, and surge deployments of the CV battle groups.

Shipboard/Shorebased WSE is utilized by weapons departments to handle, transport, and maintain weapons. Examples of the equipment are the A/S32K-1D Weapons Loader, the AERO- 74A Adapter, and the A/M32K-4A Munitions Trailer.

Shipboard/Shorebased ASE is utilized by squadrons and supporting activities to load and service aircraft weapons and guns. Examples of the equipment are the HLU-196D/E Bomb Hoist, the MHU-151/M Trailer, and the Next Generation Munitions Handler (shipboard).

CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 93 PAGE NO.

UNCLASSIFIED

BUDGET	ITEM .	JUSTIFICATION	N SHEET FOR AG	GREGATED	ITEMS		DATE:			
			P-40a					Februa	ry 2004	
APPROPRIATION/BUDGET AC	CTIVITY					P-1 ITEM NOM	MENCLATURE	BLI 421400		
Other Procurement, Navy	/BA-3	- Aviation Sup	port Equipment				A/C Rear	ming Equipment -	43SH	
-	ID	Prior							То	
Procurement Items	Code	Years	FY 2003	FY 2004	FY 2005				Complete	Total
HLU-196D/E Bomb Hoist	Α	13,256	5,022							18,278
Qty		401	147							548
2. A/M32K-4A Mun Trlr	^	22.400	586						Continuing	Continuing
Qty	Α	22,106 1,412	32						Continuing	Continuing
		1,712	02						Continuing	Continuing
3. ADU-699A/E Sonobuoy Adptr	Α	576	793							1,369
Qty		35	71							106
4. ADU-433/434 Adapter	Α	1,466	535							2,001
Qty	A	502	486							988
α.,		002								
5. ADU-514/A/E Missile Adptr	Α	799	583	11						1,393
Qty		415	298	6						719
6. ADU-829/E Adapter	Α			482						482
Qty				482						482
7. Next Generation Handler(ship)	Α								Continuing	Continuing Continuing
Qty									Continuing	Continuing
8. A/F32K-1A Bomb Table	Α	524								524
Qty		24								24
0. AEDO 04D A destas	Α			240	240					480
9. AERO-91B Adapter Qty	A			600	600					1,200
Q.,				000	000					1,200
10. MHU-151/M Trailer	Α		247	285	240					772
Qty	\bot		24	28	23					75
11. AERO-74A Adapter	Α			1,265	3,462					4,727
Qty				178	460					638
SUB TOTAL		38,727	7,766	2,283	3,942	CLASSIFICAT				Continuing

CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 93 PAGE NO.

UNCLASSIFIED

BUDGE	T ITEM	JUSTIFICAT	ION SHEET FOR AC	GREGATE	D ITEMS		DATE:				
A DDD ODDIA TION/DUDOET	. A O.T.I. //-	T\/	P-40a			ID 4 ITEM NO	MENOLATURE		ebruary 200 BLI 421400)4	
APPROPRIATION/BUDGET						P-1 HEM NO	MENCLATURE				
Other Procurement, Na	_		Support Equipment				A/C R	learming E	quipment -		,
	ID	Prior								То	
Procurement Items	Code	Years	FY 2003	FY 2004	FY 2005					Complete	Total
12. A/S32K-1D CILOP	А		1,240	4,109	2,650					Continuing	Continuing
Qty			31	103	67					Continuing	Continuing
13. Aero-51B Trailer	Α			2,359	2,000					Continuing	Continuing
Qty				118	100					Continuing	Continuing
14. MHU-191/M Drawbar EC	P A			295	275						570
Qty	r A			1,520	1,480						3,000
				1,020	1,100						0,000
15. MHU-191/M Drawbar	Α									Continuing	Continuing
Qty										Continuing	Continuing
16. Shipboard Weapons Transp Qty	orlA									Continuing Continuing	Continuing Continuing
Qty										Continuing	Continuing
SUB TOTAL		38,727	9,006	9,046	8,867					Continuing	Continuing
Other		250,241	2,587	2,716	2,800		<u> </u>			Continuing	Continuing
TOTAL		291,199	11,593	11,762	11,667					Continuing	Continuing

CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 93 PAGE NO.

CLASSIFICATION: UNCLASSIFIED

	WEAPONS SYSTEM P-5	COST ANA	ALYSIS			Weapon Sy	rstem						DATE: February	2004	
	PRIATION/BUDGET ACTIVITY Procurement, Navy/BA-3 - Aviati	on Supp		37987 nent			P-1 ITEM NO A/C Rear				BLI 42140	00			
			TOTAL COST	IN THOUS	ANDS OF D	OOLLARS	<u> </u>								
COST	ELEMENT OF COST	ID Code	Prior Years					FY 2003			FY 2004			FY 2005	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
SH004	Shipboard/Shorebased AWSE														
	1. HLU-196D/E Bomb Hoist	А	13,256				147	34.16	5,022						
	2. A/M32K-4A Munitions Trailer	А	22,106				32	18.31	586						
	3. ADU-699A/E Sonobuoy Adapter	А	576				71	11.17	793						
	4. ADU-433/434 Adapter	А	1,466				486	1.10	535						
	5. ADU-514A/E Missile Adapter	А	799				298	1.96	583	6	1.83	11			
	6. ADU-829/E Adapter	А								482	1.00	482			
	8. A/F32K-1A Bomb Table	А	524												
	9. AERO 91B Adapter	А								600	0.40	240	600	0.40	240
	10. MHU-151/M Trailer	А					24	10.29	247	28	10.18	285	23	10.43	240
	11. AERO 74A Adapter	А								178	7.11	1,265	460	7.53	3,462
	12. A/S32K-1D CILOP	А					31	40.00	1,240	103	39.89	4,109	67	39.55	2,650
	13. AERO-51B Trailer	А								118	19.99	2,359	100	20.00	2,000
	14. MHU-191/M Drawbar ECP	А								1,520	0.19	295	1,480	0.19	275
SH830	Production Engineering		28,460						1,748			1,873			1,733
SH860	Acceptance Test and Evaluation		4,712						470			594			531
	Other		217,069						369			249			536
	4 2446 ILIN 86		288,968			0			11,593			11,762			11,667

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 P-1 SHOPPING LIST
 CLASSIFICATION:

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UNCLASSIFIED CLASSIFICATION:

BODGET I NOCONEN	ENI HIST	JK I AND	PLANNING EXHIBI	II (P-3A)	Weapon System A. DATE								
								Februa	ry 2004				
B. APPROPRIATION/BUDGET					C. P-1 ITEM N	OMENCLATURE BLI 421400		37987	SUBHEAD				
Other Procureme	nt, Navy/E	3A-3 - A	viation Support	Equipment	A/C Rearming Equipment 438								
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISION AVAILABL			
HLU-196D/E Bomb Hoist FY 2003	147	34.16	NAWC Lakehurst		FP/OPTION	UNION, NJ	03/03	12/03	Yes				
A/M32K-4A Munitions Traile FY 2003	. 32	18.31	NAWC Lakehurst		FP/OPTION	PANAMA CITY, FL	12/02	11/03	Yes				
ADU-699A/E Adapter FY 2003	71	11.17	NAWC Lakehurst		FP/OPTION	KING OF PRUSSIA, PA	06/03	12/03	Yes				
ADU-514A/E Missile Adapte FY 2003 FY 2004	298 6	1.96 1.83	NAWC Lakehurst NAWC Lakehurst		FP/OPTION FP/OPTION	SYSTEMS INC HUNTSVILLE, AL	04/03 12/03	1/04 11/04	Yes Yes				
MHU-151/M Trailer FY 2003 FY 2004 FY 2005	24 28 23	10.29 10.18 10.43	NAWC Lakehurst NAWC Lakehurst NAWC Lakehurst	06/02	C/FFP FP/OPTION FP/OPTION	GSMI PANAMA CITY, FL	05/03 02/04 12/04	11/03 11/04 11/05	Yes Yes Yes				
A/S32K-1D CILOP FY 2003 FY 2004 FY 2005	31 103 67	40.00 39.89 39.55	NAWC Lakehurst NAWC Lakehurst NAWC Lakehurst	06/02	C/FFP FP/OPTION FP/OPTION	SFAC SOLOMONS, MD	06/03 12/03 12/04	01/04 11/04 11/05	Yes Yes Yes				
ADU-433/434 Adapter FY 2003	486	1.10	NAWC Lakehurst	07/02	C/FFP	NITED STANDARDS INDUST GLEN VIEW, IL	04/03	03/04	Yes				
ADU-829/E Adapter FY 2004	482	1.00	NAWC Lakehurst	09/03	C/FFP	Cherokee Advanced Systems, Inc, Huntsville, AL	12/3/2003	09/04	Yes				

P-1 SHOPPING LIST Classification: DD Form 2446-1, JUL 87

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CLASSIFICATION: UNCLASSIFIED

MENT HISTO	RY AND	PLANNING EXHIBI	T (P-5A)		Weapon System		A. DATE		
			,				Februa	ry 2004	
ET ACTIVITY				C. P-1 ITEM N	OMENCLATURE BLI 421400		37987	SUBHEAD	
ent, Navy/E	3A-3 - A	viation Support	Equipment	A/C Rearn	ning Equipment			43	SH
QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
600	0.40	NAWC Lakehurst	09/03	C/FFP	TBD	02/04	11/04	Yes	
600	0.40			FP/OPTION	TBD	12/04	11/05	Yes	
l acement									
178	7.11	NAWC Lakehurst	09/03	INHOUSE	NAWC Lakehurst	02/04	11/04	Yes	
460	7.53	NAWC Lakehurst	09/04	C/FFP	TBD	03/05	2/06	Yes	
118	19.99	NAWC Lakehurst	09/03	FP/OPTION	TBD	04/04	04/05	Yes	
100	20.00	NAWC Lakehurst		FP/OPTION	TBD	12/04	11/05	Yes	
1,520	0.19	NAWC Lakehurst	06/03	C/FFP	TBD	03/04	08/04	Yes	
1,480	0.19	NAWC Lakehurst		FP/OPTION	TBD	11/04	06/05	Yes	
	GOO GOO CEEMENT 178	QUANTITY UNIT COST (000) 600 0.40 600 0.40 600 7.53 118 19.99 100 20.00 1,520 0.19	### Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Co	QUANTITY	C. P-1 ITEM N A/C Rearn C. P-1 ITEM N A/C Rearn	QUANTITY	C. P-1 ITEM NOMENCLATURE BLI 421400 A/C Rearming Equipment	C. P-1 ITEM NOMENCLATURE BLI 421400 37987 A/C Rearming Equipment A/C Rearming Equipment DATE OF PCO RFP ISSUE METHOD AND LOCATION DATE OF PIRST DELIVERY DELIVERY DELIVERY DATE DELIVERY DELIV	C. P-1 ITEM NOMENCLATURE BLI 421400 37987 SUBHEAD 43

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

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UNCLASSIFIED

	BUD	GET I	TEM JUST	TFICATION	SHEET			DATE:				
			P-4	0						February 2	004	
APPROPRIATION/BU	IDGET ACTIVI	ΤΥ					P-1 ITEM NO	MENCLATUR	RE	BLI 4216		
OTHER PROCUR	EMENT, NA	VY	BA-03				AIRCRAFT I	AUNCH AND	RECOVERY	' EQUIPMEN	Γ (ALRE)	
Program Element for (Code B Items:						Other Relate	d Program Ele	ements			
0204261N, 02041 ²	12N, and 02	04161	N				RDT&E, 06	03512N,06	04512N			
	Prior	ID									То	
	Years	Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY												
COST (In Millions)	\$668.2		\$0.0	\$18.6	\$20.1	\$21.3	\$30.0	\$30.7	\$31.0	\$32.2	CONTINUING	CONTINUING

This program provides for procurement of major aircraft Launch, Recovery, and Visual Landing Aids (VLA) equipment as well as ancillary items required for installation aboard aircraft carriers, air capable combatant vessels, amphibious assault ships, and shore stations. Most procurements are initiated due to one of the following reasons:

- (1) urgent fleet problems associated with the safe and reliable operation of existing equipment;
- (2) expanding responsibilities in support of helicopter operations on Air Capable Ships (ACS) and Vertical / Short Take-Off and Landing (V/STOL) aircraft, and;
- (3) the demand for increased launch and recovery equipment reliability, availability, and maintainability (RAM); capability; and margin of safety.

Shipboard installed items procured under this program are for operational fleet aircraft carriers, air capable combatant vessels, and amphibious assault ships. Major equipment and service changes procured in support of the Fleet Modernization Program (FMP) are generally installed by shipyard personnel during routine or restricted availabilities and regular overhauls. Non-FMP installations include minor equipments and service changes that are installed by Alteration Installation Teams (AIT) or Voyage Repair Teams (VRT) from the Naval Aviation Depots (NADEPs) under the direction of Fleet Type Commanders and the Naval Air Warfare Center, Aircraft Division (NAWCAD), Lakehurst, NJ. Type Commanders determine shorebased installed item requirements.

The FY 2003 budget request consists of Aircraft Carrier (Launcher, Arresting gear and Visual Landing Aids) and Air Capable Ships (Helicopter Landing System) service change procurements. Also, included is funding for Auto Cross Check System, IFLOLS, PE, ILS, ATE, and FMP/NFMP installations for FY 2002 and prior years procurements.

The FY 2004 budget request consists of Aircraft Carrier (Launcher, Arresting gear and Visual Landing Aids) and Air Capable Ships (Helicopter Landing System) service change procurements. Also, included is funding for MWS (Moriah Wind System), VISUAL (Virtual Imaging System for Aproach and Landing), Auto Cross Check System PE, ILS, and FMP/NFMP installations for FY 2003 and prior years procurements.

The FY 2005 budget request consists of Aircraft Carrier (Launcher, Arresting gear and Visual Landing Aids) and Air Capable Ships (Helicopter Landing System) service change procurements. Also, included is funding for MWS, VISUAL, ARC (Advanced Recovery & Control System), PE, ILS, and FMP/NFMP installations for FY 2004 and prior years procurements.

CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 94 PAGE NO. 1

UNCLASSIFIED

BUDGET	TEM .	JUSTIFICA	ATION SHE	ET FOR AG	GREGATED	ITEMS		DATE:			
			P-40a						February 200	04	
APPROPRIATION/BUDGET AC	CTIVITY	,					P-1 ITEM NO	OMENCLATURE	BLI 4216		
OTHER PROCUREMENT	. NAV	Y	BA-03				AIRCRAFT	LAUNCH AND RE	COVERY EQUIPMENT (A	LRE)	
	ID I	Prior						T T		To	
Procurement Items	Code	Years		FY 2003	FY 2004	FY 2005				Complete	Total
SERVICE CHANGE KITS		90.6	0.0	4.0	2.6	3.8				Continuing	Continuing
IFLOLS - Shore	А										
QUANTITY		11	0	3	0	0				0	20
COST (In Millions)		8.9	0.0	1.2	0.0	0.0				0.0	10.1
MWS - CV(N)	Α							+ +			
QUANTITY			0	0	2	2					10
COST (In Millions)		0.0	0.0	0.0	0.8	0.8				0.0	4.1
MWS - L	Α										
QUANTITY			0	0	2	1				0	12
COST (In Millions)		0.0	0.0	0.0	0.5	0.2				0.0	2.8
MWS - Shore	Α										
QUANTITY			0	0	3	0				0	3
COST (In Millions)		0.0	0.0	0.0	0.2	0.0				0.0	0.2
VISUAL - CV(N)											
QUANTITY	Α		0	0	1	1				0	11
COST (In Millions)		0.0	0.0	0.0	2.2	1.8				0.0	18.8
VISUAL - Shore											
QUANTITY	Α		0	0	0	0				0	2
COST (In Millions)		0.0	0.0	0.0	0.0	0.0				0.0	0.8
ARC	Α										
QUANTITY	1 1		0	0	0	5				8	59
COST (In Millions)		0.0	0.0	0.0	0.0	2.4				2.4	26.0
Auto Cross Check System	Α										
QUANTITY			0	7	0	0				0	0
COST (In Millions)		0.0	0.0	1.4	0.0	0.0		 		0.0	0.0
								TION			

CLASSIFICATION:

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UNCLASSIFIED

BUDGET	ITEM	JUSTIFIC	CATION SHE		GREGATE	DITEMS		DATE:				
			P-40a	1						February 20	04	
APPROPRIATION/BUDGET A	ACTIVIT	Υ					P-1 ITEM NO	OMENCLATUR	E	BLI 4216		
OTHER PROCUREMEN	T, NA	/Y	BA-03				AIRCRAFT I	LAUNCH AND	RECOVERY E	QUIPMENT (A	LRE)	
	ID	Prior									То	
Procurement Items	Code	Years		FY 2003	FY 2004	FY 2005					Complete	Total
ILS												
QUANTITY												
COST (In Millions	5)	6.9	0.0	1.6	1.6	0.9					Continuing	Continuing
PE												
QUANTITY										+		
COST (In Millions	.)	23.8	0.0	2.7	3.9	2.8					Continuing	Continuing
COOT (III MIIIIOTIS	'/	20.0	0.0	2.1	3.9	2.0		+		1	Continuing	Continuing
ATE										†		
QUANTITY												
COST (In Millions	5)	1.9	0.0	0.0	0.0	0.0					Continuing	Continuing
Installation - NFMP												
QUANTITY												
COST (In Millions	5)	100.0	0.0	6.1	6.7	4.3	1				Continuing	Continuing
In atallatian FAAD												
Installation - FMP QUANTITY												
	\	51.2	0.0	1.5	4.7	4.0				+	Cantinuina	Continuina
COST (In Millions	5)	51.2	0.0	1.5	1.7	4.2				_	Continuing	Continuing
Various 1/		384.8								+		384.8
various i/		304.0							1			304.0
									1			
				·								
												ļ
AlThe engine it continues	41-1-	-1 ("		f!:	-1-4	-1		- FV000C III		-		
1/ The amount identified against	tnis cost	element refle	ects total prior ye	ar tunding asso	ciated with cost	eiements no lor	iger financed in	1 FY2002 and be	yona.			
	1									1		
TOTAL		668.2	0.0	18.6	20.1	21.3					Continuing	Continuing
IOIAL		008.2	0.0	18.0	∠0.1	21.3	CLASSIFICA	ATION:			Continuing	Continuing

CLASSIFICATION:

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^{*} Totals may not add due to rounding

CLASSIFICATION: UNCLASSIFIED

	WEAPONS SYSTEM CO P-5	ST ANA	ALYSIS			Weapon Sy	rstem						DATE: February	2004	
Other F	PRIATION/BUDGET ACTIVITY Procurement, Navy R PROCUREMENT, NAVY / BA 3 AVIA	TION S	UPPORT E	QUIPMEN		ID Code			JRE/SUBHEA		BLI 4216				
	,		TOTAL COS			OOLLARS	-			-					
COST	ELEMENT OF COST	ID Code	Prior Years					FY 2003			FY 2004			FY 2005	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
SJ040	Service Change Kits	А	90,606						4,017			2,620			3,849
	LAUNCHER Catapults - CV(N)								1,528			1,268			1,291
	VISUAL LANDING AIDS Visual Landing Aids - CV(N) Visual Landing Aids - ACS								463			267			1,517
	RECOVERY Arresting Gear - CV(N) Helicopter Landing System (HLS) - ACS								1,263 763			972 113			741 300
SJ261 SJ262	IFLOLS - Shorebased MWS - CV(N) MWS - L Class MWS - Shorebased	A A A	8,893				3	416	1,247	2 2 3	411 241 75	822 482 225	2	403 236	806 236
SJ271	VISUAL - CV(N) VISUAL - Shorebased	A A								1	2,192	2,192	1	1,848	1,848
SJ280 SJ290	ARC Auto Cross Check System	A A					7		1,388				5	470	2,350
SJ800 SJ830 SJ860	Integrated Logistics Suppport Production Engineering Acceptance, Test & Evaluation		6,949 23,755 1,931						1,637 2,683 42			1,564 3,866			891 2,780
SJ900 SJ910	Installation - NFMP Installation - FMP		100,039 51,201						6,055 1,529			6,660 1,696			4,282 4,233
N/A	Various 1/		384,837												
			668,211			0			18,598			20,127 CLASSIFICA	TION		21,275

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BUDGET PROCUREMEN	NT HISTOR	Y AND PL	ANNING EXHIBIT (P	-5A)		Weapon System		A. DATE February	/ 2004	
B. APPROPRIATION/BUDGET AC	TIVITY				C. P-1 ITEM NOI	MENCLATURE			SUBHEAD	
Other Procurement, Nav	y	BA-03			Aircraft Lau	nch and Recovery Equip	ment (A	LRE)	43	SJ
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
FY 2003 SJ250 IFLOLS - Shorebased	3	416	NAWCAD PAX	Not Applicable	FFP	Raytheon Systems Company Indianapolis, IN	12/02	4/04	Yes	N/A
FY 2004						maianapolis, iiv				
SJ260 MWS - CV(N)	2	411	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	Quality Performance Inc	3/04	8/04	No	N/A
SJ261 MWS - L Class	2	241	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	Fredricksburg, VA	3/04	8/04	No	N/A
SJ262 MWS - Shorebased	3	75	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	3,	3/04	8/04	No	N/A
SJ270 VISUAL-CVN	1	2192	NAWCAD LKEHRST	Not Applicable	FFP	DRS, Anaheim, CA	4/04	4/05	No	N/A
FY 2005										
SJ260 MWS - CV(N)	2	403	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	Quality Performance Inc	12/04	5/05	No	N/A
SJ261 MWS - L Class	1	236	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	Fredricksburg, VA	12/04	5/05	No	N/A
SJ270 VISUAL-CVN	1	1848	NAWCAD LKEHRST	Not Applicable	FFP	DRS, Anaheim, CA	12/04	12/05	No	N/A
SJ280 ARC	5	470	NAWCAD LKEHRST	Not Applicable	FPI	Notrhrop Grumman Sykesville, MD	12/04	10/05	No	N/A
D DEWYDKS										

D. REMARKS

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

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CLASSIFICATION: UNCLASSIFIED

P3A INDIVIDUAL MODIFICATION

MODELS OF SYSTEM AFFECTED: SYSTEMS VARIOUS TYPE MODIFICATION: SYSTEMS VARIOUS MODIFICATION TITLE:

SJ210, SJ220, SJ230, SJ240 SJ250, SJ260, SJ261, SJ262

SJ271, SJ290

DESCRIPTION/JUSTIFICATION:

SJ210-LRLS CV(N); SJ220-LRLS SHORE; SJ230-ADMACS; SJ240-IFLOLS CV(N); SJ250-IFLOLS SHORE; SJ260 - MWS CV(N); SJ261-MWS L Class; SJ262-MWS Shore; SJ271-VISUAL Shore; SJ290-Auto Cross Check System

The equipment and installation costs represented on this P-3a are for individual modification programs that do not exceed \$5 million in either budget year or \$10 million within the first three years of a new start.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

	<u>Pri</u> QTY	or Years \$	QTY	\$ <u>FY</u> QTY	<u>/ 2003</u> \$	<u>FY</u> QTY	<u>2004</u>	<u>FY</u> QTY	<u>2005</u>	<u>FY</u> QTY	2006 \$	<u>FY</u> QTY	<u>2007</u> \$	<u>F\</u> QTY	<u>/ 2008</u> \$	<u>FY</u> QTY	<u>2009</u> \$	QTY	<u>TC</u> \$	<u>T</u> QTY	OTAL \$
FINANCIAL PLAN (IN MILLIONS)																					
RDT&E		24.891			2.678		0.250													1	
<u>PROCUREMENT</u>																					
INSTALLATION KITS		37.470			2.635		1.529		1.042		2.255		1.046		1.399		0.708				48.084
INSTALLATION KITS - UNIT COST																					
INSTALLATION KITS NONRECURRING																					
EQUIPMENT																					
EQUIPMENT NONRECURRING																					
ENGINEERING CHANGE ORDERS																					
DATA																					
TRAINING EQUIPMENT																					
SUPPORT EQUIPMENT																					
ILS		4.205			0.596		0.265		0.095		0.085		0.075		0.155		0.110				5.586
PE		12.766			0.498		1.344		0.755		0.665		0.415		0.289		0.000				16.732
ATE		0.892																			0.892
INTERIM CONTRACTOR SUPPORT																					
INSTALL COST		52.184			3.006		1.826		3.102		2.740		2.595		3.160		1.599				70.212
TOTAL PROCUREMENT		107.517			6.735		4.964		4.994		5.745		4.131		5.003		2.417				141.506

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P3A (Continued)	SIFIE	<u>. </u>				INDIVIDU	AL M	ODIFICAT	ION (Continue	d)											
MODELS OF SYSTEMS AFF	ECTE	D: SYS	STEMS	S VARIOUS	1			МО	DIFIC	ATION TI	TLE:	SYS	STEMS	VARIOUS							_	
INSTALLATION INFORMATI	ON:																					
METHOD OF IMPLEMENTA	TION:	AIT	/SHIP	YARD			_															
ADMINISTRATIVE LEADTIM	IE:	N/A					_	PRODUC	CTION	I LEADTIN	ΛE:	N/A	١		_							
CONTRACT DATES:		FY 2003		N/A				2004:		N/A			2005:		N/A		_					
DELIVERY DATE:		FY 2003	:	N/A	4		FY 2	2004:		N/A		FY	2005:		N/A		_					
									(\$ ir	n Millions)												
Cost:	Prior	Years			F	Y 2003	F`	Y 2004		Y 2005	F	Y 2006	F`	Y 2007	F	Y 2008	F'	Y 2009	To Co	omplete		Total
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
INSTALLATION SUPPORT	-	2.580				0.257		0.186		0.299		0.141		0.241		0.205		0.063				3.972
PRIOR YEARS		49.604				2.140		0.103														51.847
FY 2003 EQUIPMENT								0.877		0.313												1.190
FY 2004 EQUIPMENT						0.609		0.290		1.710												2.609
FY 2005 EQUIPMENT								0.370		0.140		1.335										1.845
FY 2006 EQUIPMENT										0.640		0.835		2.020								3.495
FY 2007 EQUIPMENT												0.429		0.174		1.335						1.938
FY 2008 EQUIPMENT														0.160		1.500		0.411				2.071
FY 2009 EQUIPMENT																0.120		1.125				1.245
TO COMPLETE																						
INSTALL COST		52.184				3.006		1.826		3.102		2.740		2.595		3.160		1.599				70.212
INSTALLATION S <u>CHEDU</u>									,								, ,					
FY 2002		FY 2003			2004		_	<u>2005</u>	Ш.	FY 2006			2007			2008		FY 2009		TC		
& Prior		2 3	4	1 2		4 1	2_	3 4	1	2 3	4	1 2	3	4 1	2	3 4	1	2 3	0	_	-	TAL
In 0	0	0 0	0	0 0		0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0		0		0
Out 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0	J	0
																				P-3	Λ	
																				r3	'A	

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CLASSIFICATION: UNCLASSIFIED

CLASSIFICATION: UNCLASSIFIED																						
РЗА		INDIVIDU	AL MC	DIFICAT	ION																	
MODELS OF SYSTEM AFFECTED:	Mark	7 Mod 2,3,4			_	TYPI	E MODIF	ICAT	ION:	Increa	ase Capal	oility/S	afety	MOE	IFICATIO	N TIT	LE:	Adva		covery	Control Sys	
DESCRIPTION/JUSTIFICATION:																			(,		
using FMP funding. This new Advanced F safety to the MK7 Arresting Gear System. DEVELOPMENT STATUS/MAJOR DEVELOR	The ne	ew system v	vill als	o reduce	•		e cost		cing "(O" level n			sting (Gear Imp	roven	nents CV (OAG /	Air Dept I	Priorit	y #3 to re	store r	margins of
	P	rior Years			F	Y 2003	F۱	/ 2004	F١	′ 2005	F۱	Y 2006	F١	2007	F	Y 2008	F۱	/ 2009		<u>TC</u>		TOTAL
	QTY		QTY	\$	QTY		QTY	\$	QTY	\$	QTY	\$	QTY		QTY		QTY		QTY		QTY	\$
FINANCIAL PLAN (IN MILLIONS)																						
RDT&E		5.606				7.664		1.043													+	
<u>PROCUREMENT</u>																						
INSTALLATION KITS									5	2.350	10	4.700	10	4.700	17	7.650	9	4.230	8	3.850	59	27.480
INSTALLATION KITS - UNIT COST										0.470		0.470		0.470		0.450		0.470		0.470		0.466

0.270

0.380

3.616

0.616 5

0.165

0.174

0.920

5.959

0.060

0.188

0.248

EQUIPMENT NONRECURRING ENGINEERING CHANGE ORDERS

INTERIM CONTRACTOR SUPPORT

TRAINING EQUIPMENT SUPPORT EQUIPMENT

TOTAL PROCUREMENT

EQUIPMENT

INSTALL COST

DATA

ILS

PE

INSTALLATION KITS NONRECURRING

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0.175

0.190

0.360

0.400

7.390

1.520 17 2.400 17 1.620 59

0.144

0.175

5.789

1.344

1.687

8.496

39.007

0.170

0.180

10 1.420 10

6.470

CLASSIFICATION: UNCLAS	SSIFIE	D																				
P3A (Continued)						INDIVIDU	AL M	DDIFICAT	TION (Continue	d)											
MODELS OF SYSTEMS AFF	ECTE	D: <u>Ma</u>	ırk 7 Mc	od 2,3,4				МО	DIFIC	ATION TI	TLE:	Adv	/anced	d Recover	y Con	trol Syster	m				-	
INSTALLATION INFORMATI	ON:																					
METHOD OF IMPLEMENTA	TION:	Sh	ipyard/	/AIT																		
ADMINISTRATIVE LEADTIN	IE:	2 r	nonths					PRODUC	CTION	I LEADTIN	ΛE:	10	month	S	_							
CONTRACT DATES:		FY 2003	3:				FY 2	2004:		Apr-04		FY	2005:		Dec-0)4						
DELIVERY DATE:		FY 2003	3:				FY 2	2004:		Feb-05		FY	2005:		Oct-0	5	="					
									(Φ:	N 4:11: \							="					
Cost:	Drior	Years			T -	Y 2003		7 2004		Millions) Y 2005		Y 2006		Y 2007		Y 2008		Y 2009	To C	omplete		Total
Cost.	Qty																Qty	\$				
INSTALLATION SUPPORT		Ψ	Qty	Ψ	Qty	Ψ	Qty	Ψ	Qty		Qty		Qty		Qty		Qty		Qty		Qty	1.420
PRIOR YEARS										0.110		0.200		0.200		0.000		0.100		0.100		1.120
FY 2003 EQUIPMENT																						
FY 2004 EQUIPMENT										0.256												0.256
FY 2005 EQUIPMENT										0.220	5	0.500									5	0.720
FY 2006 EQUIPMENT												0.220	10	1.000							10	1.220
FY 2007 EQUIPMENT														0.220	10						10	1.220
FY 2008 EQUIPMENT																0.220	17	1.700			17	1.920
FY 2009 EQUIPMENT																		0.220	17	1.520	17	1.740
TO COMPLETE											<u> </u>		L				L		l			
INSTALL COST									<u> </u>	0.616	5	0.920	10	1.420	10	1.520	17	2.400	17	1.620	59	8.496
INSTALLATION SCHEDU FY 200. & Prior In 0 Out 0	2	FY 2003 2 3 0 0 0 0	<u>4</u> 0	1 2 0 0	0	4 1 0 0 0 0	FY 2 2 0 0	2005 3 4 0 0 0 0	1 1 -	FY 2006 2 3 0 0 3 2		1 2 10 0 0 5	2007 3 0 5	4 0 0 0	2	2008 3 0 5 0	1 17 0	FY 2009 2 3 0 0 5 5	4	TC 17 17	5 5	TAL 59 59
								Item No.	94		P/	AGE 9						CLASSI	FICAT	ION: UN		SIFIED

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РЗА	INDIVIDUAL MODIFICATION				
MODELS OF SYSTEM AFFECTED:	LOS HUD/ILARTS	TYPE MODIFICATION:	Obsolescence/Safety	MODIFICATION TITLE:	VISUAL System CVN Class

DESCRIPTION/JUSTIFICATION:

SHIPALT - 9006K.

The Virtual Imaging System for Approach and Landing (VISUAL) will provide ship's company launch and recovery personnel with enhanced images of aircraft in day, night, and low visibility conditions. VISUAL will utilize electro-optical sensors, advanced displays, and advance information / data networks. VISUAL will replace stand alone, aging systems/components currently found in ILARTS and LSO workstations. This is a modified Non-Developmental Item (NDI) procurement. 11 CV(N).

DEVELOPMENT STATUS/MAJOR DEVELO	PMEN	IT MILEST	ONES	:			VISU	JAL CV(N	l) 4Q/	03-1Q/04	4 DT			5								
	<u>Pri</u> QTY	or Years \$	QTY	\$	<u>F\</u> QTY	<u>/ 2003</u> \$	<u>F\</u> QTY	<u>/ 2004</u> \$	<u>FY</u> QTY	<u>′ 2005</u> \$	<u>F\</u> QTY	<u>/ 2006</u> \$	<u>FY</u> QTY	<u>/ 2007</u> \$	<u>F`</u> QTY	Y 2008 \$	<u>F\</u> QTY	<u>/ 2009</u> \$	QTY	TC \$	QTY	TOTAL \$
FINANCIAL PLAN (IN MILLIONS)		Ψ				<u> </u>	<u> </u>	Ψ		Ψ			<u> </u>	<u> </u>		<u> </u>	T		T		T	<u> </u>
RDT&E		20.619				6.650		1.918														
PROCUREMENT																						
INSTALLATION KITS							1	2.192	1	1.848	5	7.895	4	6.911							11	18.846
INSTALLATION KITS - UNIT COST								2.192		1.848		1.579		1.728								1.713
INSTALLATION KITS NONRECURRING																						
EQUIPMENT																						
EQUIPMENT NONRECURRING																						
ENGINEERING CHANGE ORDERS																						
DATA																						
TRAINING EQUIPMENT																						
SUPPORT EQUIPMENT																						
ILS						0.134		0.621		0.078		0.200		0.322		0.150						1.505
PE						0.230		0.402		0.130		0.200		0.325		0.201						1.488
ATE																						
INTERIM CONTRACTOR SUPPORT																						
INSTALL COST						0.058		0.330	1	0.600	1	1.174	5	2.578	4	1.808					11	6.548
TOTAL PROCUREMENT						0.422		3.545		2.656		9.469		10.136		2.159		,				28.387

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CLASSIFICATION: UNCLAS	SSIFIE	D																				
P3A (Continued)						INDIVIDU	AL M	ODIFICAT	ION (Continue	d)											
MODELS OF SYSTEMS AFF	ECTE	D: <u>LC</u>	S HUD/	ILARTS				МО	DIFIC	ATION TI	TLE:	VISUAL	Syste	m CVN CI	ass						_	
INSTALLATION INFORMATI	ON:																					
METHOD OF IMPLEMENTA	TION:	Sh	nipyard/	AIT																		
ADMINISTRATIVE LEADTIM	IE:		months					PRODUC	CTION	LEADTIN	ΛE:		month	-	_							
CONTRACT DATES:		FY 200	3:				FY 2	2004:		Apr-04		-	2005:		Dec-0	4	_					
DELIVERY DATE:		FY 200	3:				FY 2	2004:		Apr-05		FY	2005:		Dec-0	5	_					
									(\$ in	Millions)												
Cost:	Prior	Years			F	Y 2003	F۱	/ 2004	٠.	Y 2005	F	Y 2006	F	Y 2007	l F	Y 2008	F	Y 2009	To C	omplete		Total
0001.	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty		Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
INSTALLATION SUPPORT		*	~.,	Ψ	۵.,	0.058	۵.,	0.180	α.,	0.100	۵.,	0.074	۵.,	0.375	۵.,	0.300	۵.,	<u> </u>	۵.,	<u>_</u>	ς.,	1.087
PRIOR YEARS	1																					
FY 2003 EQUIPMENT																						
FY 2004 EQUIPMENT								0.150	1	0.350											1	0.500
FY 2005 EQUIPMENT										0.150	1	0.350									1	0.500
FY 2006 EQUIPMENT												0.750	5	1.603							5	2.353
FY 2007 EQUIPMENT														0.600	4	1.508					4	2.108
FY 2008 EQUIPMENT																						
FY 2009 EQUIPMENT																						
TO COMPLETE																						
INSTALL COST						0.058		0.330	1	0.600	1	1.174	5	2.578	4	1.808					11	6.548
INSTALLATION SCHEDU FY 2002 & Prior In Out 0	2	FY 200 2 3 0 0 0 0	4 0	1 2 0 0 0 0	0	4 0 0 0	FY 2 2 0 0	2005 3 1 0 1		FY 2006 2 3 0 0 0 0	4 0 0	1 2 5 0 3 2	2007 3 0 0	4 1 4 2	2	2008 3 4 0 0 0 0	0	FY 200 2 3 0 0 0 0	4 0 0	0 0 0	1 1 1 1 SA	TAL 1 1
								Item No.	94		P/	AGE 11					CLA	SSIFICAT	ION: I	JNCLAS:	SIFIED)

P3A		INDIVIDU	AL MC	DIFICAT	TION																	
MODELS OF SYSTEM AFFECTED:		VARIOUS					TVD	E MODIF	ICAT.	ION:	VARI	OUS			МОГ	DIFICATIO	NI TIT	1 =-	Ι ΔΙ	INCHER \	/APIC	NI IQ
MODELS OF STSTEM AFTECTED.		VAINIOUS				•		L MODII	ICAI	IOIN.	VAIXI	000		-	IVIOL	III IOATIC	/IN 111	LL.	(SJC		AINIO	00
DESCRIPTION/JUSTIFICATION:																			(000	740)		
The equipment and installation costs repre	sented	on this P-3	Ba are	for indivi	dual m	odificatio	n proc	rams tha	at do r	not excee	ed \$5 n	nillion in e	either	budget v	ear or	\$10 millio	n with	in the fir	st thr	ee years o	of a ne	w start.
								•						0 ,						,		
DEVELOPMENT STATUS/MAJOR DEVELO		IT MILECT	ONE	·.																		
DEVELOPINIENT STATOS/MAJOR DEVELO	JFIVILI	NI WILEST	OINES).										-								
	Pr	ior Years			F`	Y 2003	F۱	Y 2004	F١	<u> 2005</u>	F۱	2006	F	Y 2007	F	Y 2008	F١	2009		<u>TC</u>		TOTAL
	QTY		QTY	\$	$QT\overline{Y}$		QTY		QTY	\$	QTY		QTY		$QT\overline{Y}$			\$	QTY	/ \$	QTY	
FINANCIAL PLAN (IN MILLIONS)																						
RDT&E																						
PROCUREMENT																						
INSTALLATION KITS		34.262				1.528		1.268		1.291		1.794		1.526		2.801		2.214				46.684
INSTALLATION KITS - UNIT COST																						
INSTALLATION KITS NONRECURRING																						
EQUIPMENT																						
EQUIPMENT NONRECURRING																						
ENGINEERING CHANGE ORDERS																						
DATA																						
TRAINING EQUIPMENT																						
SUPPORT EQUIPMENT																						
ILS		1.130				0.141		0.415		0.020		0.170		0.230		0.339		0.451				2.896
PE		2.879				0.536		0.799		0.460		0.375		0.475		0.320		0.410				6.254
ATE		0.719				0.043								0.095								0.857
INTERIM CONTRACTOR SUPPORT																					1	
INSTALL COST		62.541				0.720		3.402		1.515		0.710		3.098		0.983		0.706		1.816		75.491
TOTAL PROCUREMENT		101.531				2.968		5.884		3.286		3.049		5.424		4.443		3.781		1.816		132.182

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CLASSIFICATION: UNCLASSIFIED

CLASSIFICATION: UNCLAS	SIFIE	D																					
P3A (Continued)							INDIVIDU	AL M	ODIFICAT	ION (Continue	d)											
MODELS OF SYSTEMS AFF	ECTE	D:	VAR	RIOUS	5				_ мо	DIFIC	ATION TI	TLE:			LAUNCH	ER-V	ARIOUS					-	
INSTALLATION INFORMATION																							
METHOD OF IMPLEMENTAT								_															
ADMINISTRATIVE LEADTIM		2000								IION	I LEADTIN	/IE:	F)/ 000F										
CONTRACT DATES:		2003:						2004:				-	FY 2005										
DELIVERY DATE:	FY.	2003:					FY	2004:				-	FY 2005										
										(\$ ir	n Millions)												
Cost:	Prior	Years				F`	Y 2003	F	Y 2004	F	Y 2005	F	Y 2006	F`	Y 2007		Y 2008	F'	/ 2009	To C	omplete		Total
	Qty	\$	Qty	\$;	Qty	\$	Qty	\$	Qty		Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
INSTALLATION SUPPORT		1.516					0.059		0.035		0.025		0.010		0.028		0.388		0.016		0.026		2.103
PRIOR YEARS		61.025					0.661		2.584		0.990				2.480						1.790		69.530
FY 2003 EQUIPMENT									0.783				0.200										0.983
FY 2004 EQUIPMENT											0.500												0.500
FY 2005 EQUIPMENT													0.500										0.500
FY 2006 EQUIPMENT															0.590								0.590
FY 2007 EQUIPMENT																	0.595						0.595
FY 2008 EQUIPMENT																			0.690				0.690
FY 2009 EQUIPMENT																							
TO COMPLETE																							
INSTALL COST		62.541					0.720		3.402		1.515		0.710		3.098		0.983		0.706		1.816		75.491
INSTALLATION SCHEDUL FY 2002 & Prior In 0 Out 0	2	FY 2003 2 3 0 0 0 0	4 0 0	1 0 0	FY 2 2 0 0	2004 3 0 0	4 1 0 0 0 0	FY: 2 0 0	2005 3 4 0 0 0 0	1 0 0	FY 2006 2 3 0 0 0 0	4 0 0	1 2 0 0 0 0	2007 3 0 0	4 1 0 0 0 0	FY: 2 0 0	2008 3 4 0 0 0 0	11 -	FY 2009 2 3 0 0 0 0	4 0 0	<u>TC</u> 0 0	ТО	TAL 0
																					P-3	A	

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CLASSIFICATION: UNCLASSIFIED

CLASSIFICATION: UNCLASSIFIED																						
P3A		INDIVIDU	AL MO	DDIFICA	TION																	
MODELS OF SYSTEM AFFECTED:	VAR	IOUS					TYP	E MODIF	FICAT	ION:	VARI	ous			MOE	DIFICATIO	N TIT	LE:	VLA	-VARIOU	S	
						•								_					(SJC)40)		
DESCRIPTION/JUSTIFICATION:																			<u> </u>			
The equipment and installation costs repre	esented	on this P-	3a are	for indiv	idual m	odificatio	n pro	grams tha	at do n	ot excee	ed \$5 n	nillion in e	either I	budget ye	ear or	\$10 millio	n with	in the fir	st thr	ee years o	of a ne	w start.
DEVELOPMENT STATUS/MAJOR DEVEL	OPME	NT MILEST	ONES	3:										_								
		rior Years	OT)	, "		Y 2003		Y 2004		<u>/ 2005</u>		<u>/ 2006</u>		<u>Y 2007</u>		Y 2008		<u>/ 2009</u>	O.T.\	, TC		TOTAL
	QTY	<u> \$ </u>	QTY	\$	QTY	\$	QTY	<u> </u>	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	′ \$	QTY	\$
FINANCIAL PLAN (IN MILLIONS)																					<u> </u>	
RDT&E																						
<u>PROCUREMENT</u>																						
INSTALLATION KITS		3.983				0.463		0.267		1.517		0.730		0.665		1.765		6.175		0.480		16.045
INSTALLATION KITS - UNIT COST																						
INSTALLATION KITS NONRECURRING																						
EQUIPMENT																						
EQUIPMENT NONRECURRING																						
ENGINEERING CHANGE ORDERS																						
DATA																						
TRAINING EQUIPMENT																						
SUPPORT EQUIPMENT																						
ILS		0.511				0.491		0.078		0.343		0.219		0.122		0.380		0.529		0.236		2.909
PE		3.169				0.506		0.064		0.555		0.648		0.421		1.373		2.066		0.606		9.408
ATE		0.105																				0.105
INTERIM CONTRACTOR SUPPORT																				1		
INSTALL COST		6.088				2.349		0.750		0.793		1.255		0.896		1.205		4.984		6.795		25.115

1.159

3.809

13.856

TOTAL PROCUREMENT

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2.852

2.104

4.723

13.754

8.117

CLASSIFICATION: UNCLASSIFIED

53.582

3.208

CLASSIFICATION: UNCLA	SSIFIE	D																				
P3A (Continued)						INDIVIDU	AL M	ODIFICAT	ION (Continue	d)											
MODELS OF SYSTEMS AF	FECTE	D: VA	RIOU	S				МО	DIFIC	ATION TI	TLE:	VLA	A-VAR	IOUS							-	
INSTALLATION INFORMATION OF IMPLEMENT																						
ADMINISTRATIVE LEADTI	_	-					-	PRODUC	CTION	LEADTIN	۱E٠											
CONTRACT DATES:		2003:			_	FY	2004:		31101			FY 2005			-							
DELIVERY DATE:		2003:					2004:				-	FY 2005										
											=											
									(\$ ir	Millions)												
Cost:	Prior	Years			F`	Y 2003	F`	Y 2004	F'	Y 2005	F	Y 2006	F`	Y 2007	F	Y 2008	F'	Y 2009	To C	omplete		Total
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
INSTALLATION SUPPOR	RT	0.288				0.349		0.080		0.043		0.245		0.126		0.210		1.978		1.265		4.584
PRIOR YEARS		5.800				1.876		0.070														7.746
FY 2003 EQUIPMENT						0.124		0.600														0.724
FY 2004 EQUIPMENT										0.600												0.600
FY 2005 EQUIPMENT												0.960										0.960
FY 2006 EQUIPMENT										0.150		0.050		0.720								0.920
FY 2007 EQUIPMENT														0.050		0.600						0.650
FY 2008 EQUIPMENT																0.395		0.720				1.115
FY 2009 EQUIPMENT																		1.141		0.950		2.091
TO COMPLETE																		1.145		4.580		5.725
INSTALL COST		6.088				2.349		0.750		0.793		1.255		0.896		1.205		4.984		6.795		25.115
INSTALLATION SCHED FY 20 & Pri In Out 0	02	FY 2003 2 3 0 0 0 0	4	1 2	Y 2004 2 3 0 0	4 0 0 0	2	2005 3 4 0 0 0 0	1 0 0	FY 2006 2 3 0 0 0 0	4 0 0		2007 3 0 0	4 0 0 0	2	2008 - 3 4 0 0 0 0	1 0 0	FY 2009 2 3 0 0 0 0	4	TC 0 0	ТО	TAL O O
								Item No.	94		PA	AGE 15					CLA	ASSIFICA	TION:	UNCLAS	SIFIE	D

CLASSIFICATION: UNCLASSIFIED																						
P3A		INDIVIDU	AL M	ODIFICA	TION																	
MODELS OF SYSTEM AFFECTED:	VAR	IOUS					TYP	PE MODIF	FICAT	ION:	VARIO	OUS			MOE	DIFICATIO	N TIT	LE:	REC	OVERY V	ARIOU	S
						•								_					(SJ)40)		
DESCRIPTION/JUSTIFICATION:																			`	,		
The equipment and installation costs repres	sented	on this P-	3a are	for indivi	dual m	odificatio	n pro	grams tha	at do r	not excee	ed \$5 m	nillion in e	either	budget ye	ear or	\$10 millio	n in a	ll years.				
DEVELOPMENT STATUS/MAJOR DEVELO	JEMEI	NT MILEST	ONE	٥٠																		
DEVELOT WENT STATOS/WASSING DEVELO		VI WIILLOI	ONLO	٥.										-								
	Pr	ior Years			F`	Y 2003	F	Y 2004	F۱	Y 2005	F١	2006	F,	Y 2007	F	Y 2008	F١	2009		<u>TC</u>	-	TOTAL
	QTY		QTY	′ \$	QTY		QT		QTY	′ \$	QTY	\$	QTY		$QT\overline{Y}$		QTY		QTY		QTY	
FINANCIAL PLAN (IN MILLIONS)																						
RDT&E																					\vdash	
PROCUREMENT																						
INSTALLATION KITS		4.642				2.026		1.085		1.041		0.902		0.747		3.123		1.524		6.441		21.531
INSTALLATION KITS - UNIT COST																						
INSTALLATION KITS NONRECURRING																						
EQUIPMENT																						
EQUIPMENT NONRECURRING																						
ENGINEERING CHANGE ORDERS																						
DATA																						
TRAINING EQUIPMENT																						
SUPPORT EQUIPMENT																						
ILS		1.022				0.215		0.185		0.085		0.065		0.060		0.170		0.165		0.865		2.832
PE		4.178				0.725		1.257		0.500		0.471		0.490		0.670		0.695		1.974		10.960
ATE		0.240																				0.240
INTERIM CONTRACTOR SUPPORT																						
INSTALL COST		8.032				1.450		2.048		1.889		1.516		1.176		1.176		2.439		5.717		25.443

4.575

4.416

18.114

TOTAL PROCUREMENT

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3.515

PAGE 16

2.954

2.473

5.139

4.823

5.717 14.997 CLASSIFICATION: UNCLASSIFIED

61.006

CLASSIFICATION: UNCLASS	SIFIE)																				
P3A (Continued)						INDIVIDU	AL M	ODIFICAT	ION (Continue	d)											
MODELS OF SYSTEMS AFFE	ECTE	D: VAR	RIOUS					_ МО	DIFIC	ATION TI	TLE:	REC	COVER	RY VARIOU	IS						_	
INSTALLATION INFORMATIO	N:																					
METHOD OF IMPLEMENTAT	ION:																					
ADMINISTRATIVE LEADTIME	:						_	PRODUC	CTION	LEADTIN	ΛE:											
CONTRACT DATES:	FY 2	2003:				FY	2004:					FY 2005			_							
DELIVERY DATE:	FY 2	2003:				FY	2004:				_	FY 2005	:									
									(\$ in	Millions)												
Cost:	Prior	Years			F	Y 2003	F.	Y 2004		Y 2005	F	Y 2006	F.	Y 2007	F	Y 2008	F.	Y 2009	To Co	omplete		Total
0001.	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty		Qty	\$	Qty	\$	Qty	\$
INSTALLATION SUPPORT	Qty	0.694	Qty	Ψ	Qıy	0.262	Qıy	1.014	Qıy	0.589	Qty	0.602	Qty	0.391	Qty	0.600	Qıy	0.645	Q.y	0.121	Qıy	4.918
PRIOR YEARS		7.338				1.188		0.076														8.602
FY 2003 EQUIPMENT								0.958		0.082												1.040
FY 2004 EQUIPMENT										1.218		0.036						0.429				1.683
FY 2005 EQUIPMENT												0.878										0.878
FY 2006 EQUIPMENT														0.785		0.026						0.811
FY 2007 EQUIPMENT																0.550						0.550
FY 2008 EQUIPMENT																		1.365				1.365
FY 2009 EQUIPMENT																				2.094		2.094
TO COMPLETE																				3.502		3.502
INSTALL COST		8.032				1.450		2.048		1.889		1.516		1.176		1.176		2.439		5.717		25.443
INSTALLATION SCHEDUL	⊏.																					
FY 2002		FY 2003		FV	′ 2004		FV ·	2005	1	FY 2006		FY	2007		FΥ	2008	1	FY 2009	,	TC		
& Prior	1	2 3	4	1 2		4 1	2	3 4	1	2 3	4	1 2	3	4 1	2	3 4	1	2 3		10		TAL
In 0	0	$\frac{2}{0} \frac{3}{0}$	0	0 0		0 0	0	$\frac{3}{0} \frac{4}{0}$	0	$\frac{2}{0} \frac{3}{0}$	0	0 0	0	0 0	0	0 0	0	0 0		0	+	0
Out	0	0 0	0	0 0		0 0	0	0 0	ΙΙο	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0		0
_ <u> </u>				0 0					ت ا		Ū	0 0				0 0		0 0			1	
																				P-3	Α	

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CLASSIFICATION: UNCLASSIFIED

UNCLASSIFIED

CLASSIFICATION

BUDGET ITEM JUSTIFIC	ATION SHE	ET						DATE		Februa	ry 2004
PPROPRIATION/BUDGET ACTIVITY DP,N - BA3 AVIATION SUPPORT EC						P-1 ITEM NOME		4226		SUBHEAD 53SP	
	PY	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	то сомр	TOTAL	
QUANTITY											
COST (in millions)		\$27.1	\$25.4	\$20.1	\$25.9	\$22.6	\$27.4	\$30.7	Cont	Cont	

PROGRAM COVERAGE/JUSTIFICATION FOR BUDGET YEAR REQUIREMENTS:

This item provides new and replacement meteorological equipment for all Navy and Marine Corps Air Stations and all Navy ships and other activities required to take weather observations and provide safety of flight information. The procurement has been thoroughly coordinated with the other DOD and civilian agencies. Equipment is funded under the following programs:

Satellite Receiver Upgrades (AN/SMQ-11 and AN/FMQ-17) are environmental satellite receivers that are used to receive and process remotely sensed data from the Defense Meteorological Satellite Program (DMSP) satellites, the National Oceanic and Atmospheric Administration (NOAA) satellites, the National Polar-orbiting Operational Environmental Satellite System (NPOESS) satellites, the Geostationary Operational Environmental Satellites (GOES), and the GEOSAT Follow-On (GFO) satellite. The evolutionary upgrades will allow the system to receive and preprocess additional environmental satellites, comply with open systems architecture standards, and provide for antenna replacement.

The Tactical Environmental Support System (TESS) Upgrade - Procures workstations, servers, input/output control devices, and software to support the evolutionary acquisition of TESS. TESS Upgrades include Fleet Numerical Meteorology and Oceanography Center (FNMOC) and Naval Oceanographic Office (NAVO), the five regional centers at Guam, Pearl Harbor, Norfolk, Suitland and Rota Spain, and affoat and ashore sites.

The Shipboard Meteorological and Oceanographic Observing System Replacement (SMOOS(R)) consists of various configurations of environmental sensors, automated data acquisition and processing systems, multiple system interfaces, and displays. The SMOOS(R) system will provide a tailorable METOC sensor suite for all identified ship classes and selected Air Stations, and will provide for all required METOC observations. Sensor upgrades and hardware and software technology refreshment is essential for the continued use of the equipment.

Fleet Marine Force Meteorological Equipment - Meteorological Equipment required to upgrade and replace the Meteorological Mobile Facilities (METMF). The METMF Replacement (METMF (R)) is a fully integrated, single van system capable of automatic data acquisition from communications channels providing METOC data, meteorological satellite, meteorological Doppler radar, and local and remote meteorological sensors. The METMF (R) is equipped to support Marine Air-Ground Task Force (MAGTF) operations world wide.

Aviation Safety System Upgrades are GOTS/COTS hardware and associated software upgrades to installed, procured safety of flight equipment, such as Next Generation Radar (NEXRAD), Automated Surface Observing System (ASOS), Supplemental Weather Radar (SWR) and Mini-Rawin System (MRS) installed at all Navy and Marine Corps Air facilities worldwide. The Aviation Safety System Upgrades project will provide required system upgrades developed by the lead agency (in most cases, the National Weather Service). These periodic GOTS/COTS upgrades are essential to the continued use of the equipments.

Installation of Equipment - Installation efforts include plans, site surveys, BESEPS, equipment installation and checkout.

UNCLASSIFIED CLASSIFICATION

	0007 ANALYOIG				DATE					F-h 200	.4	
	COST ANALYSIS									February 200	14	
	IATION ACTIVITY						SUBHE	AD				
OP,N - BA3	AVIATION SUPPORT EQUIPMENT		1				53SP					
			PY		FY 2003	3		FY 20	04		FY 2005	
COST	ELEMENT OF COST	ID CODE	TOTAL	QTY	UNIT	TOTAL COST	QTY	UNIT	TOTAL COST	QTY	UNIT	TOTAL COST
SP051	Satellite Receiver Upgrades (Space)	Α		VAR		1,612	VAR		1,745	VAR		1,790
SP190	TESS Upgrades	Α		VAR		15,634	VAR		13,942	VAR		11,514
SP200	SMOOS(R) 1	Α		4	339.3	1,357	0		0	0		0
SP300	Met Equipment (METMF(R))	Α										
	Met Equipment (METMF(R)) Upgrades	Α		VAR		2,677	VAR		2,701	VAR		1,818
SP550	Aviation Safety System Upgrades	Α		VAR		822	VAR		3,383	VAR		1,750
SP555	Production Support	Α				106	VAR		106			106
	Satellite Receiver Upgrades (Space) TESS Upgrades					106			106			106
SP777	Installation					4,934			3,516			3,156
	Non-FMP			VAR		1,172	VAR		940	VAR		850
	FMP			VAR		3,762			2,576	VAR		2,306
	FMP					3,152			2,087			1,785
	DSA					610			489			521
	TOTAL CONTROL					27,142			25,393			20,134
Remarks: '	Various" quantities represent system and subsy The number of installations are identified for ea SMOOS unit cost varies based hardware/soft	ch system	on the co	rrespond	ding P-3A ex	chibits.				ype of site or pl	atform.	

UNCLASSIFIED CLASSIFICATION

	UREMENT HISTORY AND PLA	NNING								A. DATE	Februa	ny 2004
		AIVINIO										Ty 2004
B. APP	ROPRIATION/BUDGET ACTIVITY					C. P-1 ITE	M NOMENCI	_ATURE			SUBHEAD	
OP,N - B	A3 AVIATION SUPPORT EQUIPMENT						LOGICAL EQ	UIPMENT 4	226		53SP	
COST	ELEMENT OF COST	FY	CONTRACTOR AND LOCATION	CONTRACT METHOD & TYPE	LOCATION OF PCO	RFP ISSUE DATE	AWARD DATE	DATE OF FIRST Delivery	QTY	UNIT COST	SPECS AVAILABLE NOW	DATE REVISION AVAILABL
SP200	SMOOS(R)	03	Coastal Environmental Systems Seattle, WA	OPTION	SPAWAR		Jan-03	May-03	4	339,300	YES	N/A

P-1 Shopping List-Item No 095 - 3 of 10

Exhibit P-5a, Procurement History and Planning Unclassified Classification

UNCLASSIFIED

MODIFICATION TITLE: SATELLITE RECEIVER UPGRADES (SPACE) - (SHIP) February 2004

COST CODE MODELS OF SYSTEMS AFFECTED:

DESCRIPTION/JUSTIFICATION: Satellite Receiver Upgrades (AN/SMQ-11 and AN/FMQ-17) are environmental satellite receivers that are used to receive and process remotely sensed data from the Defense Meteorological

Satellite Program (DMSP) satellites, the National Oceanic and Atmospheric Administration (NOAA) satellites, the National Polar-orbiting Operational Environmental Satellite System (NPOESS) satellites, the Geostationary Operational Environmental Satellites (GOES), and the GEOSAT Follow-On (GFO) satellite. The evolutionary upgrades will allow the system to receive and preprocess

additional environmental satellites, comply with open systems architecture standards, and provide for antenna replacement.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

FINANCIAL PLAN: (\$ in millions)

FINANCIAL PLAN: (\$ in millions)																						
	Prior Yrs		Y 02		<u>/ 03</u>		Y 04		<u>/ 05</u>		<u>′ 06</u>		FY 07		FY 08		FY 09	TC TC	<u> </u>	<u>To</u>	<u>ital</u>	i
RDT&E PROCUREMENT: Kit Quantity	Qty \$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
Installation Kits Installation Kits Nonrecurring Equipment Equipment Nonrecurring Engineering Change Orders Data	VAR	VAR	1.153	VAR	0.812	VAR	0.902	VAR	0.951	VAR	0.989	VAR	1.030	VAR	1.043	VAR	1.068	CONT			CONT	
Training Equipment Production Support DSA Interm Contractor Support			0.056 0.000		0.053 0.076		0.053 0.079		0.053 0.086		0.054 0.088		0.054 0.090		0.055 0.093		0.055 0.095					
Installation of Hardware PRIOR YR EQUIP FY 00 EQUIP	56 56	0	0.000	14	0.345	14	0.359	14	0.356	14	0.357	14	0.364	14	0.371	14	0.378	CONT	CONT	56.0 0.0	0.0 0.0	
FY 01 EQUIP FY 02 EQUIP FY 03 EQUIP FY 04 EQUIP FY 05 EQUIP		0	0.000	14	0.345	14	0.359	14	0.356	14	0.357									0.0 14.0 14.0 14.0 14.0	0.0 0.3 0.4 0.4 0.4	
FY 06 EQUIP FY 07 EQUIP FY 08 EQUIP FY 09 EQUIP										14	0.357	14	0.364	14	0.371	14	0.378			14.0 14.0 14.0	0.4	
FY TC EQUIP TOTAL INSTALLATION COST	0.0		0.000		0.421		0.438		0.442		0.445		0.454		0.464	-	0.473	CONT	CONT	0.0	0.0 CONT	
TOTAL INSTALLATION COST	0.0		1.209		1.286	1	1.393		1.446		1.488		1.538		1.562	1	1.596		CONT	1	CONT	
METHOD OF IMPLEMENTATION:	0.0		1.209		1.200		1.333		ADMINIS	TRATIVI		TIME:	1 mon	th	1.502		1.590	PRODUCTION		OTIME:	CONT	10 months
	CONTRACT	DATES	:				FY 2002	:	Nov-01			FY 200	3:	Nov-02	!	FY 2004:		Nov-03	i	FY 2005	:	Nov-04
	DELIVERY D	ATES:					FY 2002	:	Aug-02			FY 200	3:	Aug-03	;	FY 2004:		Aug-04		FY 2005	:	Aug-05
INSTALLATION SCHEDULE:	PY		1	2	FY 04 3	4		1	2 <u>FY</u>	<u>05</u> 3	4		1	<u> 1</u>	<u>=Y 06</u> 3	4						
INPUT	70		3	4	3	4		3	4	3	4	='	3	4	3	4						
OUTPUT	70		3	4	3	4		3	4	3	4		3	4	3	4						
0011 01	70		J	-	Ü	-		J	7	J	-		J	-	Ū	-						
INSTALLATION SCHEDULE:		1	2 <u>F</u>	<u>Y 07</u> 3	4	_	1	2 <u>F</u>	<u>/ 08</u> 3	4	_	1	2	3	FY 09 4	=			TC	=		TOTAL
INPUT		3	4	3	4		3	4	3	4		3	4	3	4				CONT			CONT
OUTPUT		3	4	3	4		3	4	3	4		3	4	3	4				CONT			CONT
Notes/Comments:															Exhibi	it P-3a, Ind	lividual M	lodification F	rogram			Unclassified

Classification

MODIFICATION TITLE: SATELLITE RECEIVER UPGRADES (SPACE) - (SHORE) February 2004

COST CODE

MODELS OF SYSTEMS AFFECTED:
DESCRIPTION/JUSTIFICATION:

Satellite Receiver Upgrades (AN/SMQ-11 and AN/FMQ-17) are environmental satellite receivers that are used to receive and process remotely sensed data from the Defense Meteorological Satellite Program (DMSP) satellites, the National Oceanic and Atmospheric Administration (NOAA) satellites, the National Polar-orbiting Operational Environmental Satellite System (NPOESS) satellites, the Geostationary Operational EnvironmentalSatellites (GOES), and the GEOSAT Follow-On (GFO) satellite. The evolutionary upgrades will allow the system to receive and preprocess additional environmental satellites, comply with open systems architecture standards, and provide for antenna replacement.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: FINANCIAL PLAN: (\$ in millions)

RDT&E PROCUREMENT: Kit Quantity Installation Kits Installation Kits Nonrecurring
Equipment Equipment Nonrecurring
Engineering Change Orders
Data Training Equipment
Production Support DSA
Interm Contractor Support
Installation of Hardware PRIOR YR EQUIP
FY 00 EQUIP

FY 01 EQUIP FY 02 EQUIP FY 03 EQUIP FY 04 EQUIP FY 05 EQUIP FY 06 EQUIP FY 07 EQUIP FY 08 EQUIP FY 08 EQUIP

(\$ in millions)	Prior Yrs	F۱	Y 02	FY	03	FY	′ 04	FY	05	FY	06		FY 07		FY 08 \$		FY 09	TO	С	To	tal	
	Qty \$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
						-								•						•		
nrecurring	VAR	VAR	1.037	VAR	0.800	VAR	0.843	VAR	0.839	VAR	0.835	VAR	0.829	VAR	0.854	VAR	0.870	CONT			CONT	
curring ge Orders	VAR	VAK	1.037	VAK	0.800	VAN	0.043	VAIX	0.039	VAR	0.633	VAIX	0.629	VAN	0.054	VAIN	0.670	CONT			CONT	
nt rt			0.055		0.053		0.053		0.053		0.054		0.054		0.055		0.055					
Support Iware P	36 36	13.0	0.000	15.0	0.412	15.0	0.433	15.0	0.437	15.0	0.440	15.0	0.448	15.0	0.456	15.0	0.464	CONT	CONT	36.0	CONT 0.0	
		3.0 10.0	0.000 0.000	5.0 10.0	0.137 0.275	5.0	0.144													0.0 3.0 15.0 15.0	0.0 0.0 0.1 0.4	
						10.0	0.289	5.0 10.0	0.146 0.291		0.149 0.291	5.0	0.149							15.0 15.0 15.0	0.4 0.4 0.4	
												10.0	0.299	5.0 10.0	0.153 0.303	5.0	0.155			15.0 15.0	0.5 0.5	
																10.0	0.309	CONT		10.0 0.0	0.3	
TION COST	0.0		0.000		0.412		0.433		0.437		0.440		0.448		0.456		0.464		CONT	CONT	CONT	
REMENT COST	0.0		1.092		1.265		1.329	,	1.329		1.329		1.331		1.365		1.389	DDODU	CONT	CONT	CONT	

FY TC EQUIP
TOTAL INSTALLATION COST
TOTAL PROCUREMENT COST
METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME: 1 month PRODUCTION LEADTIME:

SMQ-11 = 10 months FMQ-17 = 3 months Nov-04

Aug-05 SMQ-11 Feb-05 FMQ-17

	CONTRACT D	ATES:			FY 2002:		Nov-01				FY 200	03:	Nov-02			FY 200	4:	Nov-03		FY 2005:
	DELIVERY DA	TES:			FY 2002:			SMQ-11 FMQ-17			FY 200	03:	Aug-03 Feb-03			FY 200	4:		SMQ-1' FMQ-17	FY 2005:
						FY	04				FY 05				FY	06				
INSTALLATION SCHEDULE:	PY		_	1	2	3	4	_	1	2	3	4	_	1	2	3	4	_		
INPUT	64			4	4	4	3		4	4	4	3		4	4	4	3			
OUTPUT	64			4	4	4	3		4	4	4	3		4	4	4	3			
			FY	07				FY 0	ng.					FY 0	ıα					
INSTALLATION SCHEDULE:	_	1	2	3	4	_	1	2	3	4	_	1	2	3	4			-	TC	
INPUT		4	4	4	3		4	4	4	3		4	4	4	3				CONT	

Notes/Comments:

OUTPUT

FY02 minor installs that do not require install teams

Exhibit P-3a, Individual Modification Program

CONT

Unclassified Classification

TOTAL CONT

CONT

4

MODIFICATION TITLE: TACTICAL ENVIRONMENTAL SUPPORT SYSTEM (TESS) UPGRADES (SHIP) February 2004

COST CODE SP190

MODELS OF SYSTEMS AFFECTED:

DESCRIPTION/JUSTIFICATION: TESS UPGRADES PROCURES TERMINALS, INPUT/OUTPUT CONTROL DEVICES AND SOFTWARE TO SUPPORT THE EVOLUTIONARY ACQUISITION OF TESS.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: FINANCIAL PLAN: (\$ in millions)

| RDT&E PROCUREMENT: Kit Quantity Installation Kits Nonrecurring Equipment Nonrecurring Equipment Nonrecurring Equipment Nonrecurring Equipment Production Support DSA DSA D.405 D.423 D.410 D.435 D.328 D.286 D.331 D.290 D.302 D.302 D.302 D.302 D.302 D.303 D.286 D.331 D.290 D.302 D.303 D.303 D.286 D.331 D.290 D.303 D.303 D.303 D.303 D.304 D.304 D.305 |------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment Support |
| Production Support 0.185 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 |
| Interm Contractor Support |
| Installation of Hardware 19 7 1.254 9 2.370 7 1.728 6 1.429 7 1.898 6 1.646 7 1.933 7 1.954 CONT CONT PRIOR YR EQUIP 19 0 EQUIP 0.0 0.0 0.0 |
| FY 01 EQUIP FY 02 EQUIP FY 03 EQUIP FY 04 EQUIP FY 05 EQUIP FY 05 EQUIP FY 05 EQUIP FY 06 EQUIP FY 07 EQUIP FY 08 EQUIP FY 08 EQUIP FY 09 EQUIP FY 09 EQUIP FY 09 EQUIP FY 09 EQUIP FY 09 EQUIP FY 09 EQUIP FY 09 EQUIP |
| FY 06 EQUIP
FY 07 EQUIP
FY 08 EQUIP
FY TC EQUIP
FY TC EQUIP |
| TOTAL INSTALLATION COST 1.659 2.793 2.138 1.864 2.226 1.932 2.264 2.244 CONT |
| TOTAL PROCUREMENT COST 0.0 11.922 15.197 12.794 10.678 13.125 11.422 13.630 15.2 CONT METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 1 month PRODUCTION LEADTIME: 2 month |
| CONTRACT DATES: FY 2002: Nov-01 FY 2003: Nov-02 FY 2004: Nov-03 FY 2005: |
| DELIVERY DATES: FY 2002: Jan-02 - Sep-02 FY 2003: Jan-03 - Sep-03 FY 2004: Jan-04 - Sep-04 FY 2005: Jan-05 |
| INSTALLATION SCHEDULE: PY 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 |
| INPUT 35 1 0 3 3 1 0 2 3 1 0 3 3 |
| OUTPUT 32 2 3 1 0 3 3 1 0 2 3 1 0 |
| |
| FY 07 FY 08 FY 09 INSTALLATION SCHEDULE: 1 2 3 4 1 2 3 4 TC 1 |
| INSTALLATION SCHEDULE: 1 2 3 4 1 2 3 4 1 2 3 4 TC 1 INPUT 1 0 2 3 1 0 3 3 1 0 3 3 CONT |

Notes/Comments: Equipment is procured to meet installation availability windows.

Quantified procurements and installations typically include hardware and associated software and an installation beyond the capability of local personnel.

Exhibit P-3a, Individual Modification Program

Unclassified

P-1 Shopping List-Item No 095 - 6 of 10

Classification

MODIFICATION TITLE: TACTICAL ENVIRONMENTAL SUPPORT SYSTEM (TESS) UPGRADES (SHORE) February 2004

COST CODE
MODELS OF SYSTEMS AFFECTED: SP190

DESCRIPTION/JUSTIFICATION: TESS UPGRADES PROCURES TERMINALS, INPUT/OUTPUT CONTROL DEVICES AND SOFTWARE TO SUPPORT THE EVOLUTIONARY ACQUISITION OF TESS.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: FINANCIAL PLAN: (\$ in millions)

FINANCIAL PLAN: (\$ in millions)																						
	Prior Yrs Qtv \$	I Qtv	<u>Y 02</u> \$	I Qtv	<u>Y 03</u> \$	E Qtv	<u>Y 04</u> \$	Qtv	<u>Y 05</u> \$	FY Qtv	<u>/ 06</u> \$	<u>F`</u> Qtv	<u>Y 07</u> \$	E Qtv	Y 08 \$	Qtv	<u>Y09</u> \$	Qty	<u>C</u>	Qtv T	otal \$	
RDT&E PROCUREMENT: Kit Quantity Installation Kits Installation Kits Nonrecurring			·		·		·		·		·		·		·		·		φ	Qiy	·	
Equipment Equipment Nonrecurring Engineering Change Orders Data Training Equipment	21	6	6.437	5	3.230	5	3.286	4	2.700	5	3.485	4	2.913	5	3.876	5	4.015	CONT			CONT	
Production Support DSA			0.158		0.000		0.000		0.000		0.000		0.000		0.000		0.000					
Interm Contractor Support Installation of Hardware PRIOR YR EQUIP FY 00 EQUIP FY 01 EQUIP	21 21	6	0.000	5	0.498	5	0.507	4	0.413	5	0.523	4	0.423	5	0.546	5	0.563	CONT	CONT	0.0 0.0 0.0	CONT 0.0 0.0 0.0	
FY 02 EQUIP FY 03 EQUIP FY 04 EQUIP FY 05 EQUIP FY 06 EQUIP FY 07 EQUIP FY 07 EQUIP FY 08 EQUIP		6	0 1	5	0.498	5	0.507	4	0.413	5	0.523	4	0.423	5	0.546					6.0 5.0 5.0 4.0 5.0 4.0 5.0	0.0 0.5 0.5 0.4 0.5 0.4 0.5	
FY 09 EQUIP FY TC EQUIP																5	0.563	CONT		5.0 0.0	0.6 0.0	
TOTAL INSTALLATION COST			0.000		0.498		0.507		0.413		0.523		0.423		0.546		0.563	00111	CONT	0.0	CONT	
TOTAL PROCUREMENT COST METHOD OF IMPLEMENTATION:			6.595		3.728		3.793		3.113 ADMINIS	TD A TIV	4.008	FINAL.	3.336 1 month		4.422	DDOF	4.578 DUCTION	LEADTIA	CONT		CONT	2 montl
WETHOD OF IMPLEMENTATION.																			"L.			
	CONTRACT	DATES	i :				FY 2002	2:	Nov-01		FY 200	03:	Nov-02		FY 2004:		Nov-03			FY 2005	5:	No
	DELIVERY D	ATES:					FY 2002	2:	Jan-02		FY 200	03:	Jan-03		FY 2004:		Jan-04			FY 2005	5:	Jar
INSTALLATION SCHEDULE:	PY		1	2 <u>F</u>	<u>Y 04</u> 3	4	_	1	<u>FY 0</u> 2	1 <u>5</u> 3	4		1	2	3 <u>FY</u>	<u>06</u> 4	_					
INPUT	32		0	1	2	2		1	1	1	1		0	1	2	2						
OUTPUT	32		0	1	2	2		1	1	1	1		0	1	2	2						
INSTALLATION SCHEDULE:		1	<u> </u>	<u>Y 07</u> 3	4		1	2 <u>E</u>	<u>Y 08</u> 3	4		1	<u>F\</u>	<u>/ 09</u> 3	4		TC					TOTA
INPUT		1	1	1	1	•	0	1	2	2	_	0	1	2	2	-	CONT	-				CON
OUTPUT		1	1	1	1		0	1	2	2		0	1	2	2		CONT					CONT

Notes/Comments: Total I/O = 94 sites (reg/prod centers, facilities, detachments, USMC air stations, etc.). Refresh occurs concurrently with new installations.

¹ Installations are being done by local personnel.

Exhibit P-3a, Individual Modification Program

Unclassified Classification MODIFICATION TITLE: SHIPBOARD METEOROLOGICAL AND OCEANOGRAPHIC OBSERVING SYSTEM REPLACEMENT - SMOOS(R) (SHIP)

COST CODE
MODELS OF SYSTEMS AFFECTED:
DESCRIPTION/JUSTIFICATION:

The Shipboard Meteorological and Oceanographic Observing System Replacement (SMOOS(R)) consists of various configurations of environmental sensors, automated data acquisition and processing systems, multiple system interfaces, and displays. The SMOOS(R) system will provide a tailorable METOC sensor suite for all identified ship classes and selected Air Stations, and will provide for all required METOC observations.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: FINANCIAL PLAN: (\$ in millions)

THE WORLET ENTE. (\$ III IIIIIIO113)	Prior '	Vro		Y 02		/ 03		′ 04	ΓV	05	ΓV	06		Y 07	EV	08		Y09	Τ.	_	To	tol
	Qtv	115	Qtv	1 UZ	Qtv	1 03	Qtv	<u> </u>	Qtv	03	Qtv	<u> </u>	Qtv	<u> </u>	Qtv	00	l Qtv	109	I Qtv	<u> </u>	Qtv 10	e I
RDT&E	Qty	ą.	Qty	ð	Qty	a a	Qty	Ą	Qty	ð	Qly	ą	Qty	Ą	Qty	- J	Qly	- P	Qty	3	Qty	Ф
PROCUREMENT:																						
Kit Quantity Installation Kits																						
Installation Kits Nonrecurring	_		7	0.700		0.000	_	0.000		0.000		0.000		0.000	•	0.000		0.000			7	
Equipment	0	0.0	′	0.726	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0.0	0.0	/	0.7
Equipment Nonrecurring																						
Engineering Change Orders Data																						
Training Equipment																						
Production Support																						
DSA				0.248		0.111		0.000		0.000		0.000		0.000		0.000		0.000				
Interm Contractor Support																						
Installation of Hardware	0	0.0	0	0.000	2	0.437		0.000		0.000		0.000		0.000		0.000		0.000	CONT		CONT	CONT
PRIOR YR EQUIP																					0	0.0
FY 00 EQUIP																					0	0.0
FY 01 EQUIP			0	0.000																	0	0.0
FY 02 EQUIP			0	0.000	7*	0.437															0	0.4
FY 03 EQUIP								0.000													0	0.0
FY 04 EQUIP								0.000													0	0.0
FY 05 EQUIP										0.000											0	0.0
FY 06 EQUIP												0.000									0	0.0
FY 07 EQUIP														0.000							0	0.0
FY 08 EQUIP																0.000					0	0.0
FY 09 EQUIP																		0.000			0	0.0
FY TC EQUIP																					0	0.0
TOTAL INSTALLATION COST		0.0		0.248		0.548		0.000		0.000		0.000		0.000		0.000		0.000		CONT		CONT
TOTAL PROCUREMENT COST		0.000		0.974		0.548		0.000		0.000		0.000		0.000		0.000		0.000		CONT		CONT
METHOD OF IMPLEMENTATION:										ADMINIS'	FRATIVI	E LEADT	IME:	1 month	- FY 02-0)3	PROD	UCTION	LEADTIME	:	2 months	FY02-03

CONTRACT DATES: FY 2002: Aug-02 FY 2003: Mar-03 DELIVERY DATES: FY 2002: May-03

INSTALLATION SCHEDULE: PY INPUT 2 OUTPUT 2

INSTALLATION SCHEDULE: TOTAL INPUT 0 2

OUTPUT

** SHIP ASSETS TRANSFERRED TO SHORE

Notes/Comments: Equipment procurement/delivery is correlated with ship installation availability windows.

DSA Profile has been changed to meet FMP policy

Exhibit P-3a, Individual Modification Program

Unclassified Classification

February 2004

P-1 Shopping List-Item No 095 - 8 of 10

Oct-02

FY 2003:

TC

0

2

MODIFICATION TITLE: SHIPBOARD METEOROLOGICAL AND OCEANOGRAPHIC OBSERVING SYSTEM REPLACEMENT - SMOOS(R) (SHORE)

COST CODE

MODELS OF SYSTEMS AFFECTED:

DESCRIPTION/JUSTIFICATION:

. The Shipboard Meteorological and Oceanographic Observing System Replacement (SMOOS(R)) consists of various configurations of environmental sensors, automated data acquisition

and processing systems, multiple system interfaces, and displays. The SMOOS(R) system will provide a tailorable METOC sensor suite for all identified ship classes and selected Air Stations, and will provide for all required METOC observations.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: FINANCIAL PLAN: (\$ in millions)

FINANCIAL PLAN. (\$ III IIIIIIIOIIS)	Prior	Vrc	_	Y 02	E\	03	FY 04	_	Y 05	EV	06	FY 07		FY 08		FY 09		т.	<u>-c</u>	To	tal
	Qty		Qty	\$	Qtv	<u>03</u>	Qtv \$ 1	Qtv	\$ \$	Qtv	\$ I	Qtv	\$	Qty	\$	Qty	\$	Qty 1	<u>_</u> ¢	Qtv	<u>.aı</u> ç I
RDT&E PROCUREMENT: Kit Quantity Installation Kits Installation Kits Nonrecurring Equipment Equipment Nonrecurring Engineering Change Orders Data	7	5.628	3	0.332	4	1.357	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0.0	0.0	14.0	7.3
Training Equipment Production Support DSA Interm Contractor Support Installation of Hardware PRIOR YR EQUIP FY 00 EQUIP FY 01 EQUIP FY 01 EQUIP	2	0.000	7	0.602	10*	0.262	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.0	19 0.0 0.0 5.0	0.9 0.0 0.0 0.5
FY 02 EQUIP FY 03 EQUIP FY 04 EQUIP FY 05 EQUIP FY 06 EQUIP FY 07 EQUIP FY 08 EQUIP FY 09 EQUIP FY TC EQUIP			2	0.101	1 4	0.262	0.000 0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000			3.0 4.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
TOTAL INSTALLATION COST		0.0		0.602		0.262	0.000		0.000		0.000		0.000		0.000		0.000		0.0	19.0	0.9
TOTAL PROCUREMENT COST		5.6		0.934		1.619	0.000		0.000		0.000		0.000		0.000	L	0.000				
METHOD OF IMPLEMENTATION:									ADMINIS ⁻	TRATIV	E LEADT	IME:	1 month -	FY 02-03		PROD	UCTION	LEADTIN	ΛE:	2 months	FY02 -03

CONTRACT DATES: FY 2002: Aug-02 FY 2003: Mar-03 FY 2004: FY 2005: DELIVERY DATES: FY 2002: Oct-02 FY 2003: FY 2004: FY 2005: Jun-03

INSTALLATION SCHEDULE: PY INPUT 19 OUTPUT 19

INSTALLATION SCHEDULE: **TOTAL** TC INPUT 19

* 5 SHIP ASSETS TRANSFERRED TO SHORE SITES. Notes/Comments: Total units will be completed in FY03.

P-1 Shopping List-Item No 095 - 9 of 10

Exhibit P-3a, Individual Modification Program

Unclassified Classification

19

February 2004

UNCLASSIFIED CLASSIFICATION

									Р	ROI	ouc	TIO	N S	CHE	DU	LE															DA	TE		F	ebru	iary :	200	4
																									((DOD	EXH	IBIT	P-21)									
PROF	PRIATION/BUDGET ACTIVITY													F	-1 IT	EM N	IOME	NCL	ATUR	E													SUP	BHEAD	NO.	_		
	A3 Aviation Support Equipment													ľ						EQUIP	MEN	т												53SP				
,,,,	To Titlation Support Equipment		s	T	ACCEP	BAL		FISCAL	VEA	В	03						-0.10		0,12			CAL Y	/EAD	_	04			$-\tau$				EIC	CAL Y			05		_
	ITEM/MANUFACTURER							CY 02		ıĸ	UJ			ENDAF	/= .	_		_			ric	CAL		CALE				٠,				rio		ENDAR				05
	ITEM/MANUFACTURER			PROC	PRIOR	DUE					_	_					03			-		-	-		-	-)4		_			_				
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			+	-			-	-	_	_	-	-		-+	-+	-+	-	_	+	-	_	_		-	-	-	_	-+	\rightarrow	_	_	+	+	+	+	+	\leftarrow	+-
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			PRODUCTION RATE	E		PROCUREMEN	T LEADTIMES			
	Manufacturer's				ALT Prior	ALT After	Initial	Reorder		Unit of
ITEM	Name and Location	MSR	1-8-5	MAX	to Oct 1	Oct 1	Mfg PLT	Mfg PLT	Total	Measure
SMOOS (R)	Coastal Environmental Systems Seattle, WA	10		24	0 MO	1 MO	8 MO	2 MO	241	Units
								-		

P-1 Shopping List-Item No 095 - 10 of 10

Exhibit P-21 Production Schedule Unclassified

Coastal's production line will not be closed in the months no SMOOS units are being produced.

Classification

UNCLASSIFIED

	BUD	GET ITEM J	USTIFICATION	SHEET			DATE:				
			P-40					Fe	ebruary 20	04	
APPROPRIATION	/BUDGET ACTIVI	TY				P-1 ITEM NO	MENCLATU	RE BLI 42	4200		
OTHER PROCI	UREMENT, NA	VY/BA 3				0	THER PHO	TOGRAPH	IIC EQUIPI	MENT - Y3S	X
Program Element f	for Code B Items:					Other Relate	d Program El	ements			
	Prior	I ID I		Ι	Ī				Ι	То	
	Years	Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY											
COST (In Millions)	\$77.5		\$1.6	\$1.8	\$1.4	\$1.5	\$1.5	\$1.6	\$1.6	\$1.8	\$90.2

OTHER PHOTOGRAPHIC EQUIPMENT

The Naval Air Systems Command is tasked to fund transition of shipboard photographic labs from traditional file technology to digital imagery technology (CNO Memo Ser 09B/2U2501983 of 23 Oct 92 applies). The main photographic lab supports the full visual imaging program afloat to include: Carrier Intelligence Center (CVIC) support (Bomb Damage Assessment (BDA) and target imagery), incidents and accidents at sea, medical media, copy and reproduction, investigation, aerial and surface, combat camera, safety, training, and Public Affairs Office (PAO).

Electronic/digital imagery acquisition media is rapidly expanding (ATARS, TAMPS, JSIPS). It is imperative the photo lab be able to interface with the new electronic media. Hard copy imagery is required in the documentation of real world events (drug interdiction program, humanitarian relief efforts, shipboard and flight operational documentation). This imagery is used at all levels within the Executive Branch of the government including CNO, SECNAV, JCS, National Military Command Center and the White House. Hard copy photographs are used in the decision making process by the Fleet and Battle Group Commanders and directly impacts the overall Navy Mission. Digital imagery can be quickly disseminated via shipboard communication systems to support decision makers at the local, theatre, and global levels (CVBG, CINC, and JCS).

Digital technology will generate less environmentally damaging effluents than traditional photographic processes and will have no impact on shipboard water consumption. Electronic imaging is less manpower intensive and requires less maintenance and overall support resources than traditional mechanical hardware.

In order to fully utilize the film technology employed on ships, a two phase transition plan will be implemented. An interim photo lab will be installed to interface with existing file technology, which will allow the ships to maintain 100% mission capability until final digital installation. LANT and PAC deployment schedules and pier-side availability will determine the installation schedule.

Digital Photo Lab Phase I includes one hard-mounted electronics work station, one portable backup workstation, one high capacity digital printer, three digital hand-held cameras, and the software to run this equipment. Digital Photo Lab Phase II adds two hard-mounted Pentium based workstations (comprised on two hard-mounted electronic work stations), one large format digital printer, one high resolution printer, a LAN to tie them together, two digital color cameras, and some miscellaneous small equipment/software required to tie Phase I and Phase II labs together. Phase I equipment installations were completed in FY95. Phase II began in FY95 and continues beyond the FYDP. As digital camera technology improves the equipment will be upgraded/replaced to provide the latest technology.

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET	DATE:
P-40	February 2004
APPROPRIATION/BUDGET ACTIVITY	P-1 ITEM NOMENCLATURE BLI 424200
OTHER PROCUREMENT, NAVY/BA 3	OTHER PHOTOGRAPHIC EQUIPMENT - Y3SX
Program Element for Code B Items:	Other Related Program Elements

CINCLANT MSG DTG 051820Z Apr 00 identified emerging fleet requirements for the Digital Photo Lab. The next generation Digital Photo Lab was concept tested and evaluated in FY01 and resulted in Digital Photo Lab Phase II modifications (DPL V2X) to meet the critical requirement for processing analog and digital video imagery. The system must be expanded to meet fleet requirements for visual imaging products while achieving the original program goal of reducing dependence on chemical processes. Additionally, DPL directly supports intelligence gathering and analysis through video and multi-media center. The existing DPL Phase II systems, to include obsolete equipment, will be upgraded to DPL V2X through the life cycle of the system.

REWSON: Reconnaissance Electronics Warfare Special Operations Navy

This line procures photographic file processing, printing and file interpretation equipment for the exclusive support of the on-going intelligence mission of CV/CVNs. Specifically, this equipment primarily supports the mission of the F-14 Tactical Airborne Reconnaissance Pod System (TARPS) as well as related Carrier Intelligence Center (CVIC) photographic requirements, and the hand held intelligence photography collected by the embarked Airwing (nine squadrons) and deployed Carrier Battle Group (CVBG). The CVBG normally consists of the CV/CVN and its support ships.

Also, this equipment supports the photographic intelligence that is disseminated from internal and National sources to the Airwing (CVW) and CVBG. TARPS imagery is often provided to in-theater NATO forces as well. TARPS remains the only tactical aerial photographic reconnaissance asset in theater and is directly controlled by the Theater Commander.

This line also procures digital equipment for the exploitation, interpretation and printing of digital imagery downlinked from TARPS. The digital suites can be expanded into the future to be used for exploitation of video imagery from tactical and strategic reconnaissance systems (including FLIR).

CLASSIFICATION:

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BUDGE	ET ITE	M JUSTI		SHEET FOR A	AGGREGAT	ED ITEMS		DATE:	F	ebruary 2004	4	
APPROPRIATION/BUDG	GET AC	CTIVITY					P-1 ITEM NO	MENCLATURE				
OTHER PROCURE	MENT	, NAVY/B	A3					OTHER PH	OTOGRAPH	IIC EQUIPME	NT - Y3SX	
	ID	Prior									То	
Procurement Items	Code	Years		FY 2003	FY 2004	FY 2005					Complete	Total
DPL Workstation	Α											
Quantity		40		3	3	3					Continuing	Continuing
Funding		5,578		397	471	430					Continuing	Continuing
Digital SLR Color Camera	Α											
Quantity		73		4	4	4					Continuing	Continuing
Funding		2,222		50	50	50					Continuing	Continuing
DCRS	Α											
Quantity		31		4	4	3					Continuing	Continuing
Funding		5,123		590	694	419					Continuing	Continuing
Other Costs		64,604		520	539	539					Continuing	Continuing
Total P-1 Funding*		77,527		1,557	1,754	1,438					Continuing	Continuing
Includes Rewson												
*Includes quantities to mee	t invent	ory objective	plus losses.									
										+		
							CLASSIFICA	TION:			1	

CLASSIFICATION:

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CLASSIFICATION: UNCLASSIFIED

	WEAPONS SYSTEM CO P-5	OST ANA	ALYSIS	Weap	on System						DATE: February	2004	
	PRIATION/BUDGET ACTIVITY Procurement, Navy/BA3			ID Co			IRE/SUBHEAD						
			TOTAL COST IN THOUS	SANDS OF DOLLAR	S								
COST	ELEMENT OF COST	ID Code	Prior Years			FY 2003			FY 2004			FY 2005	
			Total Cost		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cos
SX019	PHOTO EQUIPMENT UNDER \$100K DIGITAL COLOR PRINTER DIGITAL PHOTO LAB WORKCENTER	A A A	319 268 5,578		3	132	397	3	157	471	3	143	43
SX021 SX050	DIGITAL SLR COLOR CAMERA MISC SCALL EQUIP & ECPS (PREVIOUS S4019 OF Y3S4)*	A A	2,222 114		4	13	50 0	4	13	50 0	4	13	50
SX830	DIGITAL CAMERA RECEIVING STATION PRODUCTION ENGINEERING & LOGISTICS SUPPORT INSTALLATION (NON-FMP)	A	5,123 808 4,653		4	148	590 520	4	174	694 539		140	41 53
	VARIOUS OTHER COSTS, FY 97 & PRIOR OTHER PHOTOGRAPHIC EQUIPMENT		58,442										
			77,527				1,557			1,754			1,43

DD FORM 2446, JUN 86 P-1 SHOPPING LIST CLASSIFICATION:

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CLASSIFICATION: UNCLASSIFIED

BUDGET PROCURE	MENT HISTO	DRY AND	PLANNING EXHIBIT	Г (Р-5А)		Weapon System		A. DATE		
								Februa	ry 2004	
B. APPROPRIATION/BUDGE					C. P-1 ITEM NO	MENCLATURE BLI 424200			SUBHEAD	
Other Procurement, I	Navy/BA3									
						OTOGRAPHIC EQUIPME	NT		Y3SX	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
DIGITAL PHOTO LAB		, ,								
<u>WORKSTATION</u>										
SX020/FY 2003	3	132	SPAWAR DET., Phil	Apr-03	C/FP	Various	Jun-03	Sep-03	YES	
SX020/FY 2004	3	157	SPAWAR DET., Phil	Apr-04	C/FP	Various	Jun-04	Sep-04	YES	
SX020/FY 2005	3	143	SPAWAR DET., Phil	Apr-05	C/FP	Various	Jun-05	Sep-05	YES	
DIGITAL SLR COLOR CAMERA										
SX021/FY 2003	4	13	SPAWAR DET., Phil	Apr-03	C/FP	Eastman Kodak, Rochester	Jun-03	Sep-03	YES	
SX021/FY 2004	4	13	SPAWAR DET., Phil	Apr-04	C/FP	Eastman Kodak, Rochester	Jun-04	Sep-04	YES	
SX021/FY 2005	4	13	SPAWAR DET., Phil	Apr-05	C/FP	Eastman Kodak, Rochester	Jun-05	Sep-05	YES	
DIGITAL CAMERA RECEIVING STATION										
SX100/FY 2003	4	148	SPAWAR DET., Phil	Apr-03	C/FP	Eastman Kodak, Rochester	Jun-03	Sep-03	YES	
SX100/FY 2004	4	174	SPAWAR DET., Phil	Apr-04	C/FP	Eastman Kodak, Rochester	Jun-04	Sep-04	YES	
SX100/FY 2005	3	140	SPAWAR DET., Phil	Apr-05	C/FP	Eastman Kodak, Rochester	Jun-05	Sep-05	YES	
D REMARKS										

D. REMARKS

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

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UNCLASSIFIED

	BUD	GET ITEM J	USTIFICATION	SHEET							
			P-40				FEBRUA	ARY 2004			
APPROPRIATION/	BUDGET ACTIVIT	ΤΥ			P-1 ITEM NO	DMENCLATUR	RE				
OTHER PROCURI	OTHER PROCUREMENT, NAVY/BA 3 AVIATION SUPPORT EQUIPMENT						AVIATIO	N LIFE SU	PPORT SY	STEMS	
Program Element f	Program Element for Code B Items:					d Program Ele	ements				
	Prior	ID								То	
	Years	Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY											
COST											
(In Millions)	\$248.8		\$18.1	\$32.2	\$19.0	\$27.0	\$13.3	\$20.6	\$22.7	CONT.	CONT.
DERF											
(In Millions)	\$10.0										

This account provides for the acquisition, upgrade, and production support of aviation life support systems required for the personal safety and protection of aircrew against the hazards encountered in the aircraft operating environment and for safe recovery of downed aircrew.

NEW SURVIVAL RADIO - SY030

DD Form 2454, JUN 86

- Non-developmental acquisition to replace the PRC-90 and PRC-90-2 with a state of the art survival radio. This will be a non-combat radio to complement the PRQ-7 (Combat Survivor Evader Locator (CSEL) radio. Historically, the Navy has used the PRC-90 to complement the PRC-112, which the PRQ-7 will replace. Major off the shelf technology insertion will be the addition of Cosmicheskaya Systema Poiska Avariynyich (COSPAS) Search and Rescue Satellite Aided Tracking (SARSAT) 460 MHZ capability. The location of downed aircrew will now be known within 100 meters and 20 minutes of radio beacon activation thereby greatly reducing time to recover downed aircrew and increasing their probability of safe recovery. This purchase also includes a beacon which replaces the antiquated URT-33 ejection seat beacon used to signal when an aircrew has ejected from the aircraft and an adapter which, replaces the PRC-125, satisfying the peculiar mission of the in water rescue swimmer. This buy consists of three components: the AN/PRC-149 Radio, AN/URT-140 Radio Beacon, and the Swimmers Control Unit.

COMBAT SURVIVOR EVADER LOCATOR (CSEL) - SY060

- The CSEL Radio system provides U.S. combat forces with secure, encrypted, low probability of exploitation, two-way, over the horizon, near real time databurst communications with integral precise geopositioning; and non-secure, unencrypted line-of-site voice and beacon capability to support survival, evasion, and personnel recovery operations. This is a joint Program with the Air Force as lead. The User segment of the CSEL system is composed of a battery operated hand held radio (HHR) (AN/PRQ-7), a radio set adapter (RSA) (J-6431/PRQ-7), a GPS antenna and coupler, and a laptop CPU with software for loading the HHR (CSEL Planning Computer (CPC)). The HHR will weigh less than 32 ounces and is of comparable size to other portable SATCOM radios (8x3.5x1.75"). CSEL will require a key fill device and will have improved jam and spoofing resistance by incorporating the next-generation Selective Availability Anti-Spoofing Module (SAASM) GPS module. The HHR requires the "CSEL infrastructure" to be installed and operational, including the Ground segment's Joint Search and Rescue Center (JSRC) workstation/software and the Over-The-Horizon (OTH) segment's UHF Base Station (UBS), but can work autonomously in the line-of-sight voice or beacon modes.

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	BUD	GET ITEM .	DATE:									
			P-40		FEBRUARY 2004							
APPROPRIATION/B	UDGET ACTIVIT	ΓΥ	P-1 ITEM NO	DMENCLATUR	₹E							
OTHER PROCURE	OTHER PROCUREMENT, NAVY/BA 3 AVIATION SUPPORT EQUIPMENT						AVIATION LIFE SUPPORT SYSTEMS					
Program Element for	Program Element for Code B Items:				Other Relate	d Program Ele	ements					
	Prior	ID								То		
	Years	Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total	
QUANTITY												
COST												
(In Millions)	\$248.8		\$18.1	\$32.2	\$19.0	\$27.0	\$13.3	\$20.6	\$22.7	CONT.	CONT.	
DERF												
(In Millions)	\$10.0											

LASER EYE PROTECTION - SY080

- Laser Eye Protection Improvement Program (LEPIP) EDU-5/P Spectacles. This is a USN/USMC Abbreviated Acquistion Program (AAP). The EDU-5/P spectacles are designed to provide day and night multiple wavelength, low energy protection for fixed and rotary wing aircrew in a fixed, multi-wavelength laser thrat environment. The spectacles are digned to cause minimal visual and physical encumbrance, and be compatible with current Navy Aviation Life Support Equipment (ALSE), aircraft visual displays and night vision systems. The EDU-5/P spectacles will replace the current available FV2 laser spectacles which have performance limitations with include 1) day use only, 2)significant color perception distortion of the cockpit display or scene being viewed, 3) incompatibility with Chemical Biological Radiological (CBR) protective assembly, 4) incompatibility with night vision goggles (NVGs), 5) significant reduction of cockpit displays light levels, and 6) hot spot discomfort around the ears from the temple arms. In addition, the EDU-5/P spectacles provide seven (7) wavelength protection as opposed to five (5) wavelength protection provided by the FV2 spectacles.

JOINT SERVICE AIRCREW LOW ENERGY MULTIPLE WAVELENGTH ADVANCED LASER EYE PROTECTION VISOR $\,$ (JALEPV) - SY085 $\,$

- JALEPV has been designated as a ACAT IVM Program. The Navy is the lead service for this program. The JALEPV is being developed to provide day and night multiple wavelength, low energy protection to address the needs of fixed and rotary wing aircrew in a fixed multiple wavelength laser threat environment. The visor is being developed for compatibility with current Army, and USN/USMC Aviation Life Support Equipment (ALSE) as well as cockpit displays, night vision, and fire control systems.

AGILE LASER EYE PROTECTION (ALEP) - SY088

- The Agile laser Eye Protection (ALEP) program will develop a unity magnification goggle to protect the eyes of fixed and rotary winged aircrew from present and future laser systems. The device will block both fixed and frequency agile laser threats. The ALEP goggle will be similar in form and fit as current night vision goggles. The goggle would replace current multiple fixed wavelength protection devices with one single frequency agile device.

MULTI-CLIMATE PROTECTION SYSTEMS (MCP) - SY146

- MCP is an abbreviated acquisition program intended to develop a modular protective clothing system which provides flame protection, thermal protection, and sufficient insulation while reducing heat stress and bulk commonly associated with cold weather clothing systems. Components of the system will be used for a wide range of temperatures and climate conditions.

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	BUD	GET ITEM J	USTIFICATION	SHEET			DATE:							
			P-40					FE	BRUARY 2	004				
APPROPRIATION	BUDGET ACTIVIT	Υ			P-1 ITEM NO	MENCLATU	RE							
OTHER PROCURI	EMENT, NAVY/BA	3 AVIATION	SUPPORT EQUIPM		424400	AVIATIO	N LIFE SU	PPORT SY	STEMS					
Program Element f	Program Element for Code B Items:						Other Related Program Elements							
	Prior	ID	<u> </u>							То				
	Years	Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total			
QUANTITY														
COST (In Millions)	\$248.8		\$18.1	\$32.2	\$19.0	\$27.0	\$13.3	\$20.6	\$22.7	CONT.	CONT.			
DERF (In Millions)	\$10.0		·	-										

AIRCREW EXPOSURE PROTECTION SYSTEM (AEPS) - SY205

- AEPS (or family of suits) will provide cold water immersion protection with active heating and cooling for reduced thermal burden and greater mission duration and flexibility. Protection will be provided for all platforms, mission types, and passenger transport.

NIGHT VISION DEVICES (NVD) TACTICAL - SY210

-These Night Vision Devices (NVD) provide U.S. Navy personnel with a helmet-mounted night vision system that enhances aircrew performance at night. The system is battery powered and amplifies ambient light sources which increases visual acuity at night. The system is fitted with a light emitting diode (LED) indicator on the helmet mounting plate assembly that blinks if battery voltage drops below operational limits. The system incorporates a high gain, high resolution image intensifier assembly, 3/4-turn focus mechanism, objective lens with a leaky green filter that enables fixed wing aviators to view heads-up displays (HUD) while wearing the system, and comes with a detachable helmet mount. The system is fully adjustable by the operator to accommodate the distance between the eyes, vertical distance, tilt, eye relief, diopter setting, and focus. Additionally, the system can be flipped up and stored away from the operator's eyes in emergency situations and when not in use.

NIGHT VISION GOGGLES (NVG) ROTARY -SY212

- This Night Vision Goggles (NVG) provides U.S. Navy rotary wing personnel with a helmet-mounted vision system that enhances aircrew performance at night. The system is battery powered and amplifies ambient light sources which increases visual acuity at night. The system is fitted with a light emitting diode (LED) indicator on the helmet mounting plate assembly that blinks if battery voltage drops below operating limits. The system incorporates a high gain, high resolution image intensifier assembly, 3/4-turn focus mechanism and comes with a detachable helmet mount. The system is fully adjustable by the operator to accommodate the distance between the eyes, vertical distance, tilt, eye relief, diopter setting and focus. Additionally, the system can be flipped up and stored away from the operator's eyes in emergency situations and when not in use.

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CLASSIFICATION:

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	BUD	GET ITEM J	DATE:								
			P-40		FEBRUARY 2004						
APPROPRIATION/I	BUDGET ACTIVIT	Υ			P-1 ITEM NO	MENCLATUR	₹E				
OTHER PROCURE	EMENT, NAVY/BA	3 AVIATION	SUPPORT EQUIPM	MENT		424400	AVIATIO	N LIFE SU	PPORT SY	STEMS	
Program Element for	Program Element for Code B Items:						ements				
	Prior	ID								То	1
	Years	Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY											1
COST											·
(In Millions)	\$248.8		\$18.1	\$27.7	\$19.0	\$27.0	\$13.3	\$20.6	\$22.7	CONT.	CONT.
DERF											 I
(In Millions)	\$10.0										1

NIGHT VISION GOGGLES WIDE FIELD OF VIEW (TACAIR) - SY213

-These Night Vision Devices (NVD) provide U.S. Navy personnel with a helmet mounted wide field of view night vision system that improves in the AN/AVS-9 by providing a fully overlapped binocular field of view of approximately 100 degrees by 40 degrees. The system is battery powered and amplifies ambient light sources, increasing visual acuity at night. The system incorporates high gain, high resolution image intensifier assembly, an objective lens with a leaky green filter that enables the fixed wing pilot to view the head-up display while wearing the system. The system is fully adjustable by the operator and is detachable from the helmet.

NIGHT VISION GOGGLES WIDE FIELD OF VIEW (ROTARY) - SY214

- These Night Vision Devices (NVD) provide U.S. Navy personnel with a helmet mounted wide field of view night vision system that improves on the AN/AVS-9 by providing a fully overlapped binocular field of view of approximately 100 degrees by 40 degrees. The system is battery powered and amplifies ambient light sources, increasing visual acuity at night. The system incorporates high gain, high resolution image intensifier assembly. The system is fully adjustable by the operator and is detachable from the helmet.

JOINT HELMET MOUNTED CUEING SYSTEM (JHMCS) NIGHT VISION INTEGRATION - SY215

- This system will provide aircraft equipped with the Joint Helmet Mounted Cueing System (JHMCS) the ability to cue and display weapons and sensors at night using a wide field of view Night Vision Device that integrates the JHMCS cueing and display symbology. The system will be compatible with the current JHMCS helmet and will use the power and data provided by the JHMCS Universal Connector on the helmet. The System includes a high resolution image intensifier assembly, a camera to record the pilot's visual scene and display assembly that combines the JHMCS symbology and the scene viewed through the NVD. It also has an objective lens with a leaky green filter that enables the fixed wing pilot to view the head-up display while wearing the system. The system is fully adjustable by the operator and is detachable from the helmet.

BAROSTAT TEST BOX - SY350

- The Barostat Test Box is used to test ejection seat barostat release units. The model is MBEU143054 tests the Navy Aircrew Common Ejection Seat (NACES) and other Martin Baker ejection seats.

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	BUD	GET ITEM J	USTIFICATION	SHEET			DATE:					
			P-40					FE	BRUARY 2	004		
APPROPRIATION/	/BUDGET ACTIVIT	Υ			P-1 ITEM NO	MENCLATU	RE					
OTHER PROCURI	EMENT, NAVY/BA	3 AVIATION	SUPPORT EQUIPM		424400	AVIATIO	N LIFE SU	PPORT SY	STEMS			
Program Element for Code B Items:					Other Related Program Elements							
	Prior Years	ID Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total	
QUANTITY	, care		2000		2000			2000		Complete	. ota.	
(In Millions)	\$248.8		\$18.1	\$32.2	\$19.0	\$27.0	\$13.3	\$20.6	\$22.7	CONT.	CONT.	
DERF (In Millions)	\$10.0											

NAVY COMMON HELMET - SY500

DD Form 2454, JUN 86

- The Navy Common Helmet (NCW) is a two part helmet that will be used by both fixed wing and rotary wing aircraft. The helmets will contain a common inner shell that provides ballistic and acoustical protection and a missionized outer shell. Outer shells will include a "slick" shell that will provide additional ballistic protection and other shells that will accommodate night vision devices and JHMCS and ANVIS HUD helmet mounted displays.

QUICK DON SMOKE MASK AND IMPROVED WALK AROUND BOTTLE - SY600

- The Quick-don full-faced smoke mask and walk around bottle will address the deficiencies with the current smoke masks such as poor communications and the necessity for two-handed donning. The common walk around bottle will provide a longer duration, and have an improved carrying harness and be lighter than the current walk around bottles. These will be used by the P-3, E-2C, C-3 and C-130 aircraft crewmembers.

UNIVERSAL WATER ACTIVATED RELEASE SYSTEM (UWARS) - SY700

- UWARS is an improved parachute release fitting which separates the aircrew from the parachute automatically upon contact with the water. The current generation of release fittings will be replaced with smaller, lighter fittings which contain a built in test function. UWARS will provide both performance and Life Cycle Cost benefits over the current generation of release fittings.

MASK BREATHING UNIT (MBU-23/P) OXYGEN MASKS - SY710

- The MBU-23/P Oxygen Mask is designed for use in US Navy tactical aircraft for both Pressure Breathing for Gravity (PBG) and Non-PBG applications. The MBU-23/P Mask provide +600 knot windblast protection.

JOINT TECHNICAL DATA INTEGRATION/AUTOMATED MAINTENANCE EQUIPMENT (JTDI/AME) - SY900

ITEM NO. 97

- The Joint Tactical Data Integration (JTDI)/Automated Maintenance Environment (AME) program procures enhancements to Delivery Management System software, Joint Knowledge Caching Server (JKCS) software, Joint Knowledge Update (JK Update) software and hardware refresh to previously deployed demonstration sites.

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CLASSIFICATION:

UNCLASSIFIED

APPROPRIATION/BUDG			P-40a	P-1 ITEM NOMENCLATURE 424400 AVIATION LIFE SUPPORT SYSTEMS						
	GET AC	TIVITY								
OTHER PROCUREMEN	IT, NAV	Y/BA 3 AVIATI	ON SUPPORT EQUIPME							
	ID	Prior							То	
Procurement Items	Code	Years	FY 2003	FY 2004	FY 2005				Complete	Total
NEW SURVIVAL RADIO	Α									
TOTAL COST (\$K)		25,999	2,873	2,798	6,280				Continuing	Continuing
QUANTITY		12,372	1,676	1,263	2,505				Continuing	Continuing
C-SEL	В									
TOTAL COST (\$K)		2,903	5,354	11,079	9,200				Continuing	Continuing
QUANTITY		241	437	1,125	926				Continuing	Continuing
LASER EYE PROTECT.										
LRIP	Α									
TOTAL COST (\$K)		4417	0	895	0				75	5,387
QUANTITY		3630	0	618	0				52	4,300
JALEPV	В									
TOTAL COST (\$K)		1,566	1,048	1,048	1,048				Continuing	Continuing
QUANTITY		50	250	349	349				Continuing	Continuing
AGILE LASER EYE	В									
PROTECTION										
TOTAL COST (\$K)		0	0	0	0				Continuing	Continuing
QUANTITY		0	0	0	0				Continuing	Continuing
MULTI-CLIMATE										
PROTECTION	В									
TOTAL COST (\$K)		0	0	2,972	0				Continuing	Continuing
QUANTITY		0	0	2050	0				Continuing	Continuing
AIRCREW EXPOSURE										
PROTECTION SYSTEM	В									
TOTAL COST (\$K)		0	0	0	0				Continuing	Continuing
QUANTITY		0	0	0	0				Continuing	Continuing
						CI ASSIFICA				

CLASSIFICATION:

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BI	UDGE1	ITEM JUS	TIFICATION S	HEET FOR A	GGREGATED	ITEMS		DATE:				
			P-4	10a					FE	EBRUARY 2	004	
APPROPRIATION/BUDG	GET AC	CTIVITY					P-1 ITEM NO	OMENCLATUR	E			
OTHER PROCUREMEN	T, NAV	Y/BA 3 AVI	ATION SUPP	ORT EQUIPMI	ENT			424400	AVIATION LI	FE SUPPORT	SYSTEMS	
	ID	Prior									То	
Procurement Items	Code	Years		FY 2003	FY 2004	FY 2005					Complete	Total
NVD (TACTICAL)	Α											
TOTAL COST (\$K)		9,888		754	1,142	0					800	12,584
QUANTITY		1,635		109	207	0					145	2,096
NVG (ROTARY)	Α							1				
TOTAL COST (\$K)		31,386		1,075	1,613	0					549	34,623
QUANTITY		5,270		192	294	0					100	5,856
NVG WIDE FIELD OF	В											
VIEW (TACTICAL)	Ь								_			
TOTAL COST (\$K)		0		0	0	0				+	Continuing	Continuing
QUANTITY		0		0	0	0		+			Continuing	Continuing
QUANTITY		U		U	0	U					Continuing	Continuing
NVG WIDE FIELD OF	В											
VIEW (ROTARY)												
TOTAL COST (\$K)		0		0	0	0					Continuing	Continuing
QUANTITY		0		0	0	0					Continuing	Continuing
JHMC NIGHT VISION	В											
INTEGRATION												
TOTAL COST (\$K)		0		0	0	0					Continuing	Continuing
QUANTITY		0		0	0	0					Continuing	Continuing
BAROSTAT TEST BOX	В											
TOTAL COST (\$K)		0		0	0	0					Continuing	Continuing
QUANTITY		0		0	0	0					Continuing	Continuing
NAV/Y COMMON	В											
NAVY COMMON HELMET	В				 		+	+	+		1	
TOTAL COST (\$K)	 	0		0	0	0	+	+			Continuing	Continuing
QUANTITY	\vdash	0		0	0	0					Continuing	Continuing
Q07.041111											Johnnang	Continuing
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BUDGE	ET ITE	M JUSTI	FICATION S		AGGREGAT	TED ITEMS		DATE:				
			P-4	10a			T			EBRUARY 20	04	
APPROPRIATION/BUDG	GET AC	TIVITY					P-1 ITEM NO	OMENCLAT				
OTHER PROCUREMEN	IT, NAV	Y/BA 3 AV	IATION SUPP	ORT EQUIPMI	ENT			424400	AVIATION LI	E SUPPORT	SYSTEMS	3
	ID	Prior									To	
Procurement Items	Code	Years		FY 2003	FY 2004	FY 2005					Complete	Total
QUICK DON SMOKE	В											
MASK												
TOTAL COST (\$K)		0		0	0	0					Continuing	Continuing
QUANTITY		0		0	0	0					Continuing	Continuing
UWARS/JWARS	В							+				
TOTAL COSTS (\$K)		0		3,200	0	0	1				0	3,200
QUANTITY		0		6,400	0	0					0	6,400
_												
MBU-23/P OXYGEN MASKS	В			-								
TOTAL COSTS (\$K)		0		0	2,031	0					0	2,031
QUANTITY		0		0	4,785	0		_			0	4,785
JTDI/AME	В											
TOTAL COSTS (\$K)		0		0	4,864	0					0	4,864
QUANTITY		0		0	1	0					0	1
OTHER COSTS		135,517										135,517
PRODUCTION SUPPORT		37,063		3,800	3,712	2,512					Continuing	Continuing
TOTAL FUNDING		248,739		18,104	32,154	19,040					Continuing	Continuing
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CLASSIFICATION:

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	WEAPONS SYSTEM COS P-5	ST ANA	ALYSIS		Weapon S	ystem						DATE: FEE	BRUARY 2	2004
APPRO	PRIATION/BUDGET ACTIVITY				ID Code	P-1 ITEM NO	MENCLATU	RE/SUBHEAD)					
OTHER	PROCUREMENT, NAVY/BA 3 AVIATION SI	UPPOR	T FQUIPME	NT		424400 AV	IATION L	IFE SUPPO	ORT SYST	EMS/43S	Υ			
<u> </u>				IN THOUSANDS OF	DOLLARS	1.21.0071.		00						
COST	ELEMENT OF COST	ID	Prior			1	FY 2003			FY 2004		1	FY 2005	
CODE	ELLINEITY OF GGG1	Code	Years											
			Total Cost			Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
SY030	NEW SURVIVAL RADIO	A	25,999			1,676	1.714	2,873	1,263	2.215	2,798		2.507	6,28
SY060 SY080	CSEL LASER EYE PROTECTION -LRIP	B A	2,903 4,417			437	12.252	5,354	1,125 618	9.848 1.448			9.935	9,200
SY085	JALEPV	В	1,566			250	4.192	1,048	349	3.003	1,048		3.003	1,048
SY088 SY146	AGILE LASER EYE PROTECTION MULTI-CLIMATE PROTECTION SYSTEM	B B	0						2,050	1.450	2,972			
	AIRCREW EXPOSURE PROTECTION SYSTEM	В	0						2,030	1.430	2,972			
	NIGHT VISION DEVICES (TACTICAL)	Α	9,888			109	6.917	754	207	5.517	1,142			
	NIGHT VISION GOGGLES (ROTARY) NVG WIDE FIELD OF VIEW (TACTICAL)	A B	31,386			192	5.599	1,075	294	5.486	1,613			
	NVG WIDE FIELD OF VIEW (ROTARY)	В	0											
	JHMCS NIGHT VISION INTEGRATION	В	0											
	BAROSTAT TEST BOX NAVY COMMON HELMET	B B	0											
	QUICK DON SMOKE MASK	В	0											
	UWARS/JWARS	В	0			6,400	0.500	3,200						
	MRU-23/P OXYGEN MASK	В	0						4,785	0.424				
SY900 SY830	JTDI/AME PRODUCTION SUPPORT SERVICES	В	37,063					3,800	1	4,864	4,864 3,712			2,512
31030	OTHER COSTS		135,517					3,000			3,712			2,312
	* SY060 - The Unit Cost is NOT the actual indiv	│ /idual c	ost of a single	CSEL HHR - it is the	total hardwa	are "fly away" (cost compu	ted by dividir	na the					
	total yearly hardware cost by the number of ra	dios pr	ocured.											
	It includes the cost of the HHR, the required C 10-year HHR warranty and ancillary equipment		anning Equip	ment (CPC + RSA + C	rypto Loader	, on a 12:1 HH	R-CPE ratio), batteries,						
	10-year nnk warranty and anchiary equipment													
			248,739					18,104			32,154			19,0
D FORM	M 2446, JUN 86	P-1 SH	OPPING LIST	I	1			10,104		<u> </u>	CLASSIFICA		<u> </u>	13,04

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A) Weapon System A. DATE **FEBRUARY 2004** C. P-1 ITEM NOMENCLATURE SUBHEAD B. APPROPRIATION/BUDGET ACTIVITY **424400 AVIATION LIFE SUPPORT SYSTEMS 43SY** OTHER PROCUREMENT, NAVY/BA 3 AVIATION SUPPORT EQUIPMENT DATE OF CONTRACT TECH DATA DATE Cost Element/ QUANTITY UNIT LOCATION RFP ISSUE **METHOD** CONTRACTOR AWARD FIRST AVAILABLE **REVISIONS** FISCAL YEAR COST OF PCO DATE & TYPE AND LOCATION DATE **DELIVERY** NOW? AVAILABLE (000)SY030 **NEW SURVIVAL RADIO** TADIRAN SPECTRALINK LTC FY-2003 1.676 1.714 **NAVAIR** 04/02 **FFP** HOLON, ISRAEL 12/02 08/03 YES N/A FY-2004 1,263 2.215 **NAVAIR FFP** 01/04 09/04 YES N/A 2.507 FFP YES FY-2005 2.505 **NAVAIR** 01/05 09/05 N/A SY060 COMBAT SURVIVOR **EVADER LOCATOR BOEING** FFP FY-2003 437 12.252 AFMS/SMC N/A NORTH AMERICAN, INC. 04/03 01/04 YES N/A FY2004 9.848 AFMS/SMC **FFP** YES 1,125 N/A ANAHEIM, CALIF 04/04 01/05 N/A FY2005 AFMS/SMC **FFP** 926 9.935 N/A 04/05 01/06 YES N/A SY080 LASER EYE PROTECTION KAISER OPTICAL SYSTEMS FY-2004 618 1.448 NAWCAD/PAX N/A **CPFF** ANN ARBOR, MI 01/04 06/04 YES N/A SY085 **JALEPV** HOLOGRAPHIC OPTICS FY-2003 NAWCAD/PAX N/A **FFIP** MILLWOOD, N.Y. 09/03 YES N/A 250 4.192 01/04 FY-2004 3.003 **FFP** 09/04 YES 349 NAWCAD/PAX N/A 01/04 N/A FY-2005 NAWCAD/PAX **FFP** YES 349 3.003 N/A 05/05 09/05 N/A

D. REMARKS

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

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BUDGET PROCUREME	ENT HISTO	RY AND F	PLANNING EXHIBIT	(P-5A)		Weapon System		a. date FEI	BRUARY	2004
B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NON	MENCLATURE			SUBHEAD	
OTHER PROCUREMEN	NT, NAVY/I	BA 3 AVIA	TION SUPPORT EQ	UIPMENT		TION LIFE SUPPORT SY	STEMS			SY
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
SY146 MULTI-CLIMATE PROTECT FY-2004	2050	1.450	NAWCAD/PAX	N/A	SS/FP	PECHAM INC. LANSING, MI	04/04	10/04	YES	N/A
SY210 NIGHT VISION DEVICES (TACTICAL) FY-2003 FY-2004	109 207	6.917 5.517	NAVAIR NAVAIR	N/A N/A	OPTION OPTION	ITT NIGHT VISION ROANOKE, VA	05/03 12/03	11/03 06/04	YES YES	N/A
SY212 NIGHT VISION GOGGLES										
(ROTARY) FY-2003 FY-2004	192 294	5.599 5.486	NAVAIR NAVAIR	N/A N/A	OPTION OPTION	ITT NIGHT VISION ROANOKE, VA	05/03 12/03	11/03 06/04	YES YES	N/A N/A
SY700 UWARS/JWARS FY-2003	6400	0.500	NAVAIR	N/A	C/FP	TBD	N/A	N/A	YES	N/A
SY710 MBU-23/P OXGEN MASKS FY-2004	4785	424.480	NAVAIR	N/A	FFP	GENTEX CORP RANCH CUCAMONGA, CA	03/04	04/04	YES	N/A
SY900 JTDI/AME FY-2004	1	4.864	NAVICP Mechanicsburg, PA	N/A	C-ID/IQ	INTERGRAPH CORP HUNTSVILLE, AL	04/04	05/04	YES	N/A

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

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ents Study	APPROPRIATIO	N/BUDGET ACTIV	/ITY	424400			Date:	
	OTHER PROCU	REMENT, NAVY/B	A 3 AVIATION SU	PPORT EQUIPME	NT		FEBR	UARY 2004
E	Admin Leadtime	e (after Oct 1):					Production Lea	dtime:
		4 MONTHS					8	MONTHS
		1						
		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
		1676	1263	2505	4004	0	0	0
		1.71	2.22	2.51	2.61	0.00	0.00	0.00
		2,873	2,798	6,280	10,438	0	0	0
				·	·			
		12372	12652	14154	15520	17816	21820	21820
r funding								
nding		280	1396					
nding			106	1157				
nding				209	2296			
years' funding						4004		
tions/etc.								
n		12652	14154	15520	17816	21820	21820	21820
ent Authorized Allowance		21971	21971	21971	21971	21971	21971	21971
Actual Training	Other than Tra	ning	Disposals			Vehicles Eligible	for	Aircraft:
Expenditures	Usage		(Vehicles/Other	·)		FY 2004 Replac	ement:	TOAI:
FY 2003 thru	FY 2003 thru		FY 2003 thru					PAA:
31 Jul 03	31 Jul 03		31 Jul 03			FY 2005 Replac	ement:	TAI
FY 2002:	FY 2002:		FY 2002:			Vehicle Augmen	t:	Attrition Res:
FY 2001:	FY 2001:		FY 2001:					BAI
FY 2000:	FY 2000:	·	FY 2000:	· · · · · · · · · · · · · · · · · · ·			·	Inactive Inv:
								Storage:
	r funding nding nding nding nding years' funding tions/etc. n ent Authorized Allowance Actual Training Expenditures FY 2003 thru 31 Jul 03 FY 2002: FY 2001:	other than Trailing Expenditures Usage FY 2003 thru 31 Jul 03 FY 2002: FY 2001: FY 2001:	OTHER PROCUREMENT, NAVY/E Admin Leadtime (after Oct 1): 4 MONTHS FY 2003 1676 1.71 2,873 12372 r funding ading ading years' funding years' funding Actual Training Expenditures FY 2003 thru 31 Jul 03 FY 2002: FY 2001: FY 2001: FY 2001:	OTHER PROCUREMENT, NAVY/BA 3 AVIATION SU Admin Leadtime (after Oct 1): 4 MONTHS FY 2003 FY 2004 1676 1263 1.71 2.22 2,873 2,798 12372 12652 r funding ding ding ding ding ding ding years' funding 106 ding years' funding Tions/etc. 12652 14154 Ent Authorized Allowance Expenditures Expenditures Usage Usage (Vehicles/Other FY 2003 thru 31 Jul 03 31 Jul 03 31 Jul 03 FY 2002: FY 2001: FY 2004 FY 2004 FY 2004 FY 2004 FY 2004 FY 2006 FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2004 TEXT AUTHORISE FY 2004 FY 2004 FY 2004 FY 2005 FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY 2001: FY	OTHER PROCUREMENT, NAVY/BA 3 AVIATION SUPPORT EQUIPME Admin Leadtime (after Oct 1): 4 MONTHS FY 2003 FY 2004 FY 2005 1676 1263 2505 1.71 2.22 2.51 2,873 2,798 6,280 12372 12652 14154 r funding ding 280 1396 Iding 106 1157 Iding 209 The procurement, Navy/Ba 3 Aviation support Equipment Admin Leadtime (after Oct 1): 4 MONTHS FY 2003 FY 2004 FY 2005 FY 2006 FY 2006 1676 1263 2505 4004 1.71 2.22 2.51 2.61 2,873 2,798 6,280 10,438 12372 12652 14154 15520 Inding 209 2296 Inding 3 106 1157 Inding 4 106 1157 Inding 5 106 116 1157 Inding 6 107 Inding 7 108 116 1157 Inding 8 108 116 1157 Inding 9 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 108 116 1157 Inding 116 116 116 116 116 116 116 116 116 11	OTHER PROCUREMENT, NAVY/BA 3 AVIATION SUPPORT EQUIPMENT	OTHER PROCUREMENT, NAVY/BA 3 AVIATION SUPPORT EQUIPMENT FEBR	

Remarks:

P-1 SHOPPING LIST

CLASSIFICATION:

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Exhibit P-20, Requireme	ents Study	APPROPRIATION	N/BUDGET ACTIV	/ITY	424400			Date:	
		OTHER PROCUR	EMENT, NAVY/E	A 3 AVIATION SU	PPORT EQUIPME	NT		FEBR	UARY 2004
P-1 ITEM NOMENCLATUR	E	Admin Leadtime	(after Oct 1):					Production Lea	dtime:
COMBAT SURVIVOR EV	ADER LOCATOR (CSEL)		7 MONTHS					91	MONTHS
	7.22.1.20071.01.(0022)							1	1
			FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Buy Summary			437	1125	926	1386	1133	0	0
Unit Cost			12.25	9.85	9.94	9.38	9.49	0.00	0.00
Total Cost			5,354	11,079	9,200	13,000	10,746	0	0
Asset Dynamics									
Beginning Asset Position			241	241	570	1524	2498	4115	5248
Deliveries from all prior year	r funding								
Deliveries from FY 2003 fun				329	108				
Deliveries from FY 2004 fun	nding				846	279			
Deliveries from FY 2005 fun	nding					695	231		
Deliveries from subsequent	years' funding						1386	1133	
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attrit									
End of Year Asset Position			241	570	1524	2498	4115	5248	5248
Inventory Objective or Curre	ent Authorized Allowance		5900	5900	5900	5900	5900	5900	5900
Inventory Objective	Actual Training	Other than Train	ning	Disposals			Vehicles Eligible		Aircraft:
5900	Expenditures	Usage		(Vehicles/Other)		FY 2004 Replace		TOAI:
Assets Rqd For Combat	FY 2003 thru	FY 2003 thru		FY 2003 thru			Vehicles Eligible	for	PAA:
Loads:	31 Jul 03	31 Jul 03		31 Jul 03			FY 2005 Replace		TAI
WRM Rqmt:	FY 2002:	FY 2002:	·	FY 2002:			Vehicle Augmen	t:	Attrition Res:
Pipeline:	FY 2001:	FY 2001:		FY 2001:					BAI
Other:	FY 2000:	FY 2000:		FY 2000:					Inactive Inv:
TOTAL:									Storage:
Remarks:									

Remarks:

P-1 SHOPPING LIST

CLASSIFICATION:

FY 2004/2005 BUDGET PROD			HEDU	LE, P	-21													DATI		F	EBF	RUA	RY	200)4				
APPROPRIATION/BUDGET AC													Wea	apor	n Sys	stem)	P-1	ITEI										
OTHER PROCUREMENT, NAV	Y/BA 3	AVIA	ATION	SUP	PORT	EQl									_			<u> </u>				VIAT	ON L	IFE S	SUPP	ORT	SYS	TEMS	
							Pro	duct	ion l	Rate	!								adtir								1		
14	Ι.		nufactu				00		- N		۸ ۱/		TP			T A			Initia			eord			T - 4 -			Unit	
Item SY030, NEW SURVIVAL RADIO	_		and L			IVI	SR 20	40	ON	M/ 50		to	Oct	[]	_	Oct	1	IVI	fg Pl	_!_		fg P	LI		Tota 12			Meas	ure
SY060, CSEL	+		RALINK/H				30	40			00		<u>8</u> 5			7			6 10			8 9			16			Mont	
S1000, CSEL	BOEING	, NORTH	AMER, A	NAHEIM,	CA		30	40	<i>.</i>	/(00		3						10			9			10			WOIT	15
																						FISC	CAL Y	ΈΑR	2003				T
ITEM / MANUFACTURER	F	S	Q	D	В																		CA	LEND	AR Y	EAR 2	2003		
	Y	V C	T Y	E L	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	U	S A A
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SY030, New Survival Radio/Tadiran	03	N	1676	0	1676															Α								140 1	
SY060, C-SEL/Boeing	03	N	437	0	437																			Α					43
																													_
																													0
										FISC	CAL Y	EAR	2004								-	FISC	CAL Y	ΈAR	2005				
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	05	N	2505	0	2505																Α							2	209 229
SY060, C-SEL/Boeing	03	N	437	0	437				37	37	37	37	37	36	36	36	36	36	36	36									0
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DD Form 2445, JUL 87

FY 2004/2005 BUDGET PROD			HEDU	LE, P	-21													DATE			FEI	BRU	JAF	RY 2	004	ı				
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OTHER PROCUREMENT,	NAV	<u>Y</u>					_								Das			41.				VIAT	ON	LIFE	SUPF	ORT	SYS	TEMS		
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SY030, NEW SURVIVAL RADIO			RALINK/H			IVI	20	40		50		10	8		,	4		IVI	6	- '	IVII	8	<u> </u>		12			Mon		
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SY060, C-SEL/Boeing	04	N	1125	846	279	93	03	93																				-		0
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DD Form 2445, JUL 87

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Previous editions are obsolete

P-1 SHOPPING LIST

ITEM NO. 97

UNCLASSIFIED

		E	BUDGET ITE	M JUSTIFICA P-40	ATION SHEE	Т			DATE:	Eobrus	ary 2004	
APPROPRIATION/BUD	GET ACTIVIT	Υ		F-4U			P-1 ITEM NOM	ENCLATURE		rebiua	ry 2004	
OTHER PROCURE	MENT, NA	VY BA-3	: NAVY/AVI	ATION SUPP	ORT EQUIP	MENT	Airborne Mine	Countermeas	ures BLI # 424	800		
Program Element for Co	ode B Items:	0604373	BN				Other Related I	Program Eleme	nts			
								0204302N				
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)		В		\$17.7	\$2.5	\$73.1	\$67.8	\$160.0	\$162.6	\$168.2	Cont.	Cont.
SPARES COST (In Millions)				\$3.6	\$1.1	\$4.1	\$3.5	\$8.0	\$5.6	\$2.3	Cont.	Cont.

Airborne Mine Countermeasures (AMCM) Equipment is currently used by MH-53E helicopters to counter the threat of sea mines. The MH-60S helicopter will be adapted for the AMCM mission in suppport of the development of an Organic Fleet AMCM program. The equipment is divided into two broad categories -- minesweeping and minehunting. (1) Minesweeping is performed by mechanical or influence sweeps. In mechanical sweeping, the mine mooring is severed by the sweep gear allowing the mine to float to the surface where it is destroyed. In influence sweeping, a magnetic or acoustic field which simulates the magnetic/acoustic signature of a ship is introduced into the water. This field causes the mine mechanism to actuate. (2) In mine hunting, the object is to actually locate and classify minelike objects (usually by means of high resolution sonar) and mark or neutralize mines using explosive devices. AMCM squadrons currently have mechanical, magnetic, and acoustic sweeping capabilities, and mine surveillance and marking capabilities. Their mission is to locate, classify and neutralize moored and bottom mines.

- S0020 Funds provided are for the modification of systems to accommodate replacement of subsystems/components because of obsolescence. ECP's are analyzed, prioritized and screened to accommodate replacement of subsystems/components. Funding for this effort is designated in all fiscal years.
- S0061 The MK-105 Mod 4 magnetic minesweeping system is a hydrofoil platform that carries a turbo-generator power pack and is towed by a MH-53E helicopter, allowing for safe, high speed sweeping of coarse magnetic influence mines at twice the output of the current MK-105. The technological upgrade increases supportability, reliability and maintainability (R&M), and increases operational effectiveness.
- S0065 Airborne Mine Neutralization System (AMNS) is an expendable remote controlled neutralizer vehicle deployed from the helicopter platform to reacquire, identify, and neutralize moored or proud bottom sea mines. FY 2002 FY 2003 procurements supports the MH-53E airframe.
- S0073 AN/AQS-20 funding provided in FY 2002 supports Limited Production (MH-53E) . FY 2003 funding for AN/AQS-20 towed bodies which support the current MH-53E program and would convert efficiently to the MH-60S/AN/AQS-20A program by later modification. The AN/AQS-20 will provide a minehunting deployment contingency capability to the MH53E.
- S0074 AN/AQS-20/X Nomenclature designation assigned MAY 02) funding provided in FY 2004 FY 2005 includes a sonar for mine detection, classification and identification. The Navy does not possess a capability to conduct high speed minefield reconnaissance to determine mine density and location. The AN/AQS-20A will be procured to address the emergent requirement for mine identification and to integrate AMCM systems with a MH-60S platform.
- S0075 Airborne Laser Mine Detection System (ALMDS), AN/AES-1 is a light detection and ranging (LIDAR) system for rapid detection, classification, and localization of floating and near surface tethered mines. It will be deployed on the MH-60S helicopter as part of the OAMCM suite of systems.
- S0076 Organic Airborne and Surface Influence Sweep (OASIS) will provide a self-contained, high speed, multi-function mine sweep capability, towed by the MH-60S helicopter and potential surface craft.

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CLASSIFICATION:

DD Form 2454, JUN 86

ITEM NO. 98 PAGE NO. 1

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BUDGET ITEM JUSTIFICATION SHEET		DATE:
P-40		February 2004
APPROPRIATION/BUDGET ACTIVITY	P-1 ITEM NOMENCLATURE	
OTHER PROCUREMENT, NAVY BA-3: NAVY/AVIATION SUPPORT EQUIPMENT	Airborne Mine Countermeasu	ures BLI # 424800
Program Element for Code B Items: 0604373N	Other Related Program Elemen	nts
	0204302N	

Code B items		ОТ	DT	TDP	PDM
AMNS (MH-53E)*	PE #0604373N	N/A	1Q/03	N/A	N/A
AMNS (MH-60S)	PE #0604373N	1Q/06	3Q/05	4Q/05	4Q/05
ALMDS	PE #0604373N	2Q/05	4Q/04-1Q/05	2Q/04	4Q/04
OASIS	PE #0604373N	1Q-2Q/FY06	1Q/05-3Q/05	4Q/FY06	1Q/FY06
AN/AQS-20A	PE #0604373N	3Q/05	4Q/04	2Q/04	2Q/05

^{*} Based on designation as a Rapid Deployment Capability (RDC) system, a Quick Reaction Assessment (QRA) will be conducted in 2Q/04.

P-1 SHOPPING LIST

ITEM NO. 98 PAGE NO. 2

CLASSIFICATION:

	WEAPONS SYSTEM O P-5	OST AN	IALYSIS			Weapon Sy	stem							DATE: ebruary 20	004
	RIATION/BUDGET ACTIVITY					ID Code	P-1 ITEM N	OMENCLATU	RE/SUBHEAD						
	ocurement, Navy/BA-3:							A :I	M:	O		7000			
NAVY/A	VIATION SUPPORT EQUIPMENT		TOTAL COS	T INI THOLIC	ANDS OF DOI	В		Airbo	orne Mine	Counterr	neasures/	7350			
				1 111 111003		LLANG									
COST	ELEMENT OF COST	ID Code	Prior Years		FY 2002			FY 2003			FY 2004			FY 2005	
OODL		Code	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
S0020	MODIFICATION	А							2,085			2,505			3,824
S0061	MK-105 Mod 4 SUPPORT EQUIPMENT CONVERSION S0061 TOTAL	A													
S0065	Unit Cost - AMNS Unit Cost - NEUTRALIZERS SUPPORT EQUIPMENT ILS/PUBS/TECH DATA TRAINING EQUIPMENT S0065 TOTAL	В					2	1,169	2,337 0 200 57 0 2,594						
S0073	Unit Cost - AQS-20 NON-RECURRING ENGINEERING ENGINEERING CHANGE PROPOSALS ILS/PUBS/TECH DATA TRAINING EQUIPMENT S0073 TOTAL	A					2	5,654	11,308 0 0 857 896 13,061						
S0074	Unit Cost - AQS-20A NON-RECURRING ENGINEERING SUPPORT EQUIPMENT ILS/PUBS/TECH DATA TRAINING EQUIPMENT PRODUCTION ENGINEERING CONSULTING SERVICES S0074 TOTAL	В											6	7,400	44,400 825 730 760 125 910 200 47,950
	Cultural Control								47.740			0.505			F4
DD FORM	Subtotal 2446, JUN 86	D 4 CH	 OPPING LIST						17,740			2,505 CLASSIFICA			51,7

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ITEM NO.

	WEAPONS SYSTEM P-5		NALYSIS			Weapon Sy	stem							DATE: ebruary 20	04
Other Pr	RIATION/BUDGET ACTIVITY COCUREMENT, Navy/BA-3:					ID Code	P-1 ITEM N	OMENCLATU				7250			
NAV Y/A	VIATION SUPPORT EQUIPMENT		TOTAL COS	T IN THOUS	ANDS OF DO	B LLARS		AIrD	orne Mine	Counter	neasures/	7350			
COST	ELEMENT OF COST	ID Code	Prior Years		FY 2002			FY 2003			FY 2004			FY 2005	
CODE		Code	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
S0075	Unit Cost - ALMDS LRIP NON-RECURRING ENGINEERING SUPPORT EQUIPMENT ILS/PUBS/TECH DATA TRAINING EQUIPMENT PRODUCTION ENGINEERING CONSULTING SERVICES S0074 TOTAL	В											4	4,149	16,597 1,807 396 601 204 1,252 450 21,307
DD FORM	Subtotal 2446, JUN 86	P-1 SH	OPPING LIST						17,740			2,505 CLASSIFICA	TION:		73,081

PAGE NO.

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BUDGET PROCUREM	ENT HISTOI	RY AND PL	ANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
				. ,		, ,		Fe	ebruary 2	004
B. APPROPRIATION/BUDGET Other Procurement, N BA-3: NAVY/AVIATIOI	lavy	EQUIPMEN	NT		C. P-1 ITEM NON BLI 424800	MENCLATURE Airborne Mine Countermeas	sures		73	SS0
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
FISCAL YEAR (03) AQS-20 - S0073 AMNS - S0065	2 2	5,654 1,169	NAVSEA NAVSEA	10/02 12/02	OPTION OPTION	RAYTHEON, PORTSMOUTH, RI LM/STN ATLAS, SYRACUSE, NY	7/03 5/03	6/05 5/04	YES YES	
FISCAL YEAR (04)										
FISCAL YEAR (05) AQS-20A - S0074 ALMDS - S0075	6 4	7,400 4,149	NAVSEA NAVSEA	04/04 05/04	SS/FP C/FP	RAYTHEON, PORTSMOUTH, RI UNKNOWN	4/05 11/04	3/07 12/05	YES YES	
D PEMARKS										

D. REMARKS

FY02 was a LRIP from a AN/AQS-20 PDM decision SEPT 00. FY03 provides AN/AQS-20 towed bodies.

FY02 and FY03 AMNS funding were used to procure a total of seven Rapid Deployment Capability (RDC) systems from an ADM dated 7 Apr 03.

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ITEM NO. PAGE NO.

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FY 2000/01 BUDGET PRODUC			DULE	E, P-21	1													DATE			Fe	bru	ıary	/ 20	04					
APPROPRIATION/BUDGET ACT													We	apon	Sys	stem		P-1	ITEI	ΜN	OM	ENC	LAT	URI	=					
OTHER PROCUREMENT, NAVY	// BA-	3 Nav	y/Avi	ation	Suppo	ort E												Air	bor	ne	Mir	ne C	Cou	nte	rm	eas	ure	S		
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AN/AQS-20 (Towed Body) MH53	Rayth	neon,	Portsr	nouth,	RI	1		12		26			3			1			23			23			23	3		Е		
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						Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	Ν	В	R	R	Υ	N	L	G	Р	Ĺ
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Remarks: FY01 & FY02 received LRIP approval September 00. FY 03 is AN/AQS-20 Towed Bodies.

DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST
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FY 2000/01 BUDGET PRODUC			DULE	E, P-2	1													DATE			Fe	bru	uary	/ 20	04					
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AN/AQS-20 (Towed Body) MH5	S-20 (Towed Body) MH53 Raytheon, Portsmouth, RI 1 12 26															1			23			23			24			<u> </u>		
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Previous editions are obsolete

P-1 SHOPPING LIST

ITEM NO 98 PAGE 7

FY 2000/01 BUDGET PRODU	OO/01 BUDGET PRODUCTION SCHEDULE, P-21 DPRIATION/BUDGET ACTIVITY R PROCUREMENT, NAVY/ BA-3 Navy/Aviation Support Equipment Production Rate Manufacturer's																DA	TE		F	ebru	uar	y 20	004					
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OTHER PROCUREMENT, NAV	/Y/ BA-	3 Nav	y/Avi	ation	Supp	ort E											A	irbor	ne	Mir	ne C	ou	nte	rme	ası	ıres	<u> </u>		
							Prod	duct	ion F	Rate			T P		Procur		nt L			1						1			
	Manufacturer's Name and Location MSR 1-8-5 MAX														ALT A		l <u>.</u>	Initia			eorc							nit of	
	Manufacturer's Item Name and Location MSR 1-8-5 MAX S (MH-53E) Lockheed, Syracuse, NY 1 6 12 FISCAL YE														Oct		1	Mfg P	_1_	M	lfg P	LI		Tota	ıl			asure	<u> </u>
AMNS (MH-53E)	Production Rate														8			12			40			20			Е		
	Production Rate																				12			14					
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	IS (MH-53E)															S	0	N	D	J	F	М	Α	М	J	J	Α	S	В
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AMNS (MH-53E)	MH-53E) Lockheed, Syracuse, NY 1 6 12 FISCAL YEAR 20 Y V T E A O N D J F M A E A P T V C N B R R MH-53E) 02 N 5 0 5																										_	_	5
AMNS (MH-53E)	Cockheed, Syracuse, NY																												2
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ITEM / MANUFACTURER	F	S	Q	D	В		2002						CALE	ENDAR	YEAR 20	03								DAR Y	EAR 2	004			
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AMNS (MH-53E)	02	N	5	0	5								Α											1	1	1	1	1	0
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Remarks: FY02 AMNS procured five MH-53E systems.

FY03 AMNS procured two MH53E systems

DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST
311 / 244 ITEM NO 98 PAGE 8

FY 2000/01 BUDGET PRODUC			DULE	E, P-2	1													DATE							004					
APPROPRIATION/BUDGET AC													Wea	apon	Syst	tem			ITE											
OTHER PROCUREMENT, NAV	Y/ BA-	3 Nav	y/Avi	ation	Supp	ort E									_			Air	bor	ne	Mir	<u> 1e (</u>	Cou	ınte	rme	eası	ures	<u> </u>		
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DD Form 2445, JUL 87

FY 2000/01 BUDGET PRODUC			DULE	E, P-2	1													DATE				bru								
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	Raytheon, Portsmouth, RI 2 10 18																				•	FISC	CAL Y	EAR	2006					
ITEM / MANUFACTURER	Raytheon, Portsmouth, RI 2 10 18														YEAR	2005	j						CA	LEND	AR YI	EAR 2	006			_
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ITEM / MANUFACTURER	F Y	S V	Q T	D E	B A	0	2006	-	. 1	F				NDAR '		1			N.	_	١.	-		LEND				_		В
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Remarks:																														Щ

DD Form 2445, JUL 87 311 / 244

Previous editions are obsolete

P-1 SHOPPING LIST

ITEM NO 98 PAGE 10

UNCLASSIFIED

		BU	DGET ITEM	JUSTIFICA	TION SHEE	T			DATE:			
				P-40						Februa	ry 2004	
APPROPRIATION/BUD	GET ACTIVI	TY					P-1 ITEM NO	MENCLATURE				
OTHER PROCURE	MENT, NA	VY						LAMPS MK	III SHIPBO	ARD EQUIP	MENT/ U3S1	
Program Element for Co	de B Items:						Other Related	Program Elem	ents			
425500/425505												
	Prior	ID									То	
	Years	Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
OLIANITITY/*				•	47	40	40	45	45	45	0.4	440
QUANTITY*	0	В		2	17	12	12	15	15	15	24	112
COST		_		4 - 4	4			***-			***	4.5
(In Millions)	\$0.0	В		\$5.4	\$27.0	\$16.4	\$18.1	\$21.7	\$14.4	\$13.1	\$34.6	\$150.6

This program provides for procurement of the ship/airborne Tactical Common Data Link (TCDL). The TCDL consists of an SRQ(Ku)4 (shipboard equipment) and an AN/ARQ-58. This system encompasses hardware and software to transmit sensor data from the Light Airborne Multi-Purpose System (LAMPS) MK III to the host ship classes of cruisers, destroyers and frigates. Integrated Logistic Support (ILS) and Production Support remain relatively constant throughout the production profile.

FY04 includes a Congressional Add of \$4.675M for "procurement and installation of AN/SRQ-4(Ku) Band Radio Terminal Set improvements for surface ships".

Basis for Request: The FY05 request funds the procurement of 12 SRQ(Ku)4 ship units and associated support.

P-1 SHOPPING LIST
ITEM NO.99 PAGE NO. 1

CLASSIFICATION:

UNCLASSIFIED

	BUDGE	T ITEM J	USTIFICATI	ON SHEET	FOR AGGR	EGATED ITEN	/IS		DATE:			
				P-40a						Fel	oruary 2004	
APPROPRIATION/BUDG	ET ACTIVI	TY					P-1 ITEM NO	MENCLATURE			•	
OTHER PROCUREM	ENT, NA	VY/ BA3	AVIATION S	SUPPORT E	QUIPMENT			LAM	PS MK III SH	IIPBOARD E	EQUIPMENT	
	ID	Prior									То	
Procurement Items	Code	Years		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
SRQ(Ku)4	В											
QUANTITY				1	8	12						
COST (In Millions)				\$0.596	\$4.836	\$7.380						
AN/ARQ-58	В											
QUANTITY				1	9							
				\$0.631	\$5.778							
										_		
							1					
OTHER SUPPORT	В			\$4.129	\$16.396	\$9.053						
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TOTAL				\$5.356	\$27.010	\$16.433			_		_	

DD Form 2454, JUN 86 ITEM NO.99 PAGE NO. 2

UNCLASSIFIED

CLASSIFICATION:

Note: FY05 and out AN/ARQ 58 procurement is reflected in BLI 018200.

	WEAPONS SYSTEM C P-5	OST ANA	LYSIS			Weapon Sy	stem							DATE: Februa	ary 2004
APPRO	PRIATION/BUDGET ACTIVITY					ID Code	P-1 ITEM NO	MENCLATU	JRE/SUBHEA	\D					<u>,</u>
OTHE	R PROCUREMENT, NAVY/ BA3 A	VIATION	SUPPOR	T EQUIP	MENT	В	LAMPS N	IK III SHI	PBOARD	EQUIPM	ENT				
			TOTAL COS	T IN THOUS	SANDS OF	DOLLARS									
COST CODE	ELEMENT OF COST	ID Code	Prior Years					FY 2003			FY 2004			FY 2005	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cos
S1010	SRQ(Ku)4	В					1	596	596	8	605	4,836	12	615	7,380
S1011	AN/ARQ-58	В					1	631	631	9	642	5,778			
S1800	Integrated Logistics Support	В							660			3,892			7,317
S1830	Production Engineering	В							3,269			12,404			1,520
S1860	Acceptance, Test & Evaluation	В							200			100			
S1900	Installation - NFMP	В													
S1910	Installation - FMP	В										0			216
									5,356			27,010			16,433

DD FORM 2446, JUN 86 P-1 SHOPPING LIST CLASSIFICATION:
ITEM NO.99 PAGE NO. 3

JGET PROCUREN	MENT HISTO	RY AND P	LANNING EXHIBIT	「(P-5A)		Weapon System		A. DATE		
									February 20	04
PPROPRIATION/BUDGET					C. P-1 ITEM NOME	ENCLATURE			SUBHEAD	
er Procurement, N	Navy / BA-3				I VWDS WK III SH	HIPBOARD EQUIPMENT			U3S1	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DAT REVISI AVAILA
S1010 SRQ(Ku)4 FY 2003	1	596	NAVAIR	Sep-03	FFP	Harris Corp Panama City, FL	Mar-04	Sep-05	N/A	
S1011 AN/ARQ-58 FY2003	1	631	NAVAIR	Sep-03	FFP	Harris Corp Panama City, FL	Mar-04	Sep-05	N/A	
S1010 SRQ(Ku)4 FY 2004	8	605	NAVAIR	Sep-03	FFP	Harris Corp Panama City, FL	Mar-04	Sep-05	N/A	
S1011 AN/ARQ-58 FY2004	9	642	NAVAIR	Sep-03	FFP	Harris Corp Panama City, FL	Mar-04	Sep-05	N/A	
S1010 SRQ(Ku)4 FY 2005	12	615	NAVAIR	May-04	FFP	Harris Corp Panama City, FL	Nov-04	May-06	N/A	

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST ITEM NO. 101 Classification:

ITEM NO.99 PAGE NO. 4 UNCLASSIFIED

CLASSIFICATION: UNCLASSIFIED																					
P3A		INDIVID	UAL	MODIFI	CATIO	ON															
MODELS OF SYSTEM AFFECTED:	Lamps I	MK III		_	TYP	E MODIFI	CATIO	ON:	KU B	AND TCDL	-	=			MOI	DIFICATION	TITL	E:	SRC	Q(Ku)4	
DESCRIPTION/JUSTIFICATION:																					
This program provides for procurement of the	ne ship/aii	rborneTa	ctical	Commo	n Data	a Link (TC	DL).	This syste	em enc	ompasses	hardw	are and so	ftware	to transmit	sensor	data from th	ne Lig	ht Airborne	e Mult	i-Purpose Sy	stem
(LAMPS) MK III to the host ship classes of	cruisers, c	destroyer	s and	frigates.																	
DEVELOPMENT STATUS/MAJOR DEVELO	DMENT	MII ESTO	VIEC.																		
DEVELOP WENT STATOS/WASON DEVELO) FIVILINI I	WILLSTC	JINLO.									_									
	Prior	Years	F١	Y 2003	F	Y 2004	F۱	Y 2005	F	Y 2006		FY 2007		FY 2008		FY 2009		то сомі	Р	TO	TAL
	QTY	\$	QTY		QTY		QTY		QTY	\$	QTY		QTY		QTY		QTY		_	QTY	\$
FINANCIAL PLAN (IN MILLIONS)																					
RDT&E																					
PROCUREMENT																					
INSTALLATION KITS			1	0.596	8	4.836	12	7.380													
INSTALLATION KITS - UNIT COST				0.596		0.605		0.615													
INSTALLATION KITS NONRECURRING																					
EQUIPMENT																					
EQUIPMENT NONRECURRING																					
ENGINEERING CHANGE ORDERS																					
DATA																					
TRAINING EQUIPMENT																					
SUPPORT EQUIPMENT																					
OTHER																					
OTHER																					
OTHER SUPPORT				2.074		15.396		8.837													
INTERIM CONTRACTOR SUPPORT	ļ		1	ļ					1												
INSTALL COST	ļ		1	L			2	0.216	1												
TOTAL PROCUREMENT			1	2.670		20.232		16.433									1				

ITEM NO. 99

PAGE NO. 5

CLASSIFICATION: UNCLASS

CLASSIFICATION: UNCLA	SSIFII	ED																			
P3A (Continued)																					
MODELS OF SYSTEMS AF	FECT	ED: LAN	MPS N	/K III	M	ODIFIC	ATION	TITL	E:	SRQ	(KU)4										
INSTALLATION INFORMAT	ION:																				
METHOD OF IMPLEMENTA	ATION	l:																			
ADMINISTRATIVE LEADTIN	ME:								PRODU	CTION	N LEADT	IME:	18 I	Months	S	-					
CONTRACT DATES: DELIVERY DATE:						FY 2 FY 2		<u>-</u>	Mar-0 Sep-0	_		FY 20			ar-04 ep-05		FY 200 FY 200	_	Nov- May-		
Cost:	Pric	or Years	F	Y 200	3	FY 200			Millions) ' 2005		Y 2006	F	′ 2007	l EV	7 2008	l fy	′ 2009	To C	omplete		Total
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FY 2003 EQUIPMENT								1	0.108												
FY 2004 EQUIPMENT								1	0.108												
FY 2005 EQUIPMENT																					
FY 2006 EQUIPMENT																					
FY 2007 EQUIPMENT																					
FY 2008 EQUIPMENT																					
FY 2009 EQUIPMENT																					
INSTALLATION SCHEDU FY 2002 & Prior In Out 0		2 3 0 0 0 0		3 0 0	4 1 0 0 0		3	4 2 2 2		2006 3	4 1	FY 20		-	FY 2008 2 3			<u>2009</u> <u>3</u>	4	TC	TOTAL

Exhibit P-3A (Individual Modification) CLASSIFICATION: UNCLASSIFIED

FY 2004/2005 BUDGET PRO	DUCTIC	N SC	HEDL	JLE, P	-21						_							DATE				ebru								
APPROPRIATION/BUDGET A DTHER PROCUREMENT													Wea	apon	Sys				ITEM		OME	NCL	_AT	URE	:					
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AN/ARQ-58				ity, FL		5		25		45			1			5			18			18			23			mor		
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ITEM / MANUFACTURER	F	S	Q	D	В																	FISC		EAR 2	2003 DAR YE	- 4 D 2	1002			T
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		С	Y	L	L	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	0 V	E C	A N	E B	A R	P R	A	U N	U	U G	E P	
SRQ(Ku)4	03	N	1	0	1																									t
AN/ARQ-58	03	N	1	0	1																									ł
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SRQ(Ku)4	03	N	1	0	1						Α																		1	t
AN/ARQ-58	03	N	1	0	1						Α														-				1	ł
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AN/ARQ-58	04	N	9	0	9						Α														_				1	ł
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DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST

311 / 244 ITEM NO.99 PAGE NO. 7 Exhibit P-21 Production Schedule

FY 2004/2005 BUDGET PRO			HEDU	JLE, P	-21													DATE				ebru								
APPROPRIATION/BUDGET AC OTHER PROCUREMENT													Wea	apon	Sys	stem		P-1	ITEI	M N	ОМІ	ENC	LAT	UR	E					
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SRQ(Ku)4	04	N	8	1	7	1	1	1	1	1	1	1				-													${m o}$	0
AN/ARQ-58	04	N	9	1	8	1	1	1	1	1	1	1	1																	0
SRQ(Ku)4	05	N	12	0	12								1	1	1	1	1	1	1	1	1	1	1	1						0
SRQ(Ku)4	06	N	12	0	12		Α																							
SRQ(Ku)4	07	N	15	0	15																									
	+									FISC	AL YE	EAR 2	2008									FISC	CAL Y	EAR	2009		<u> </u>		_	H
ITEM / MANUFACTURER	F	S	Q	D	В		2007					(CALEN	IDAR	YEAR	200	3						CA	LENE	AR Y	EAR 2	:009			
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SRQ(Ku)4	06	N	12	5	7																									
SRQ(Ku)4	07	N	15	0	15																									
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SRQ(Ku)4	08	N	15	0	15																									
SRQ(Ku)4	09	N	15	0	15																						1			

DD Form 2445, JUL 87

311 / 244

Previous editions are obsolete

P-1 SHOPPING LIST

PAGE NO. 8 Exhibit P-21 Production Schedule

UNCLASSIFIED

	BUD	GET ITEM	JUSTIFICATION	SHEET			DATE:				
			P-40				February 2	2004			
APPROPRIATION/	BUDGET ACTIVI	ΓΥ				P-1 ITEM NO	DMENCLATUR	RE			
OTHER PROCU	JREMENT, NA	VY BA3 - A	VIATION SUPPO	ORT EQUIP	MENT	BLI :4265 O	THER AVIATI	ON SUPPOR	T EQUIPMEN	NT 43S7/U3S7	,
Program Element f	or Code B Items:					Other Relate	d Program El	ements			
	Prior	ID								То	
	Years	Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY											
COST (In Millions)	\$293.4	A	\$24.6	\$9.1	\$6.2	\$6.4	\$6.5	\$6.6	\$6.8	CONT	CONT

The following items are funded in this line:

1. NAVAIR Office Information System (OIS) Headquarters Support Equipment (S7020):

This program finances the procurement of investment items critical to the efficient and effective execution of NAVAIR Headquarters mission needs.

Electronic Acquisition - The NAVAIR Electronic Acquisition funding provides for the procurement of necessary upgrades to the NAVAIR Team-wide computer infrastructure to support the rapid deployment schedule associated with the stand-up of Electronic Acquisition Iniatives. The OSD mandate/initiatives include, but are not limited to the following: Electronic Tools (hardware/software/infrastructure) to integrate e-Procurement/e-Commerce/e-Business, Standard Procurement Systems, Electronic Procurement Collaboration, Electronic Invoicing and Entitlement (e.g., Wide Area Workflow Receipt and Acceptance), Electronic Document Access and Interfaces to achieve an end-to-end state.

2. PEO (A) Industrial Facilities Equipment (S7030):

Procures upgrades for the sonobouy test equipment at Naval Surface Warfare Center (NSWC) Crane, IN.

3. Naval Aviation Logistics Data Analysis (NALDA) Support Upgrade to NALDA II (S7040):

NAVAIR was directed by the CNO to extend NALDA accessibility to all USN and USMC aviation supportability and maintenance reporting activities and NAVAIR Team sites. This is being accomplished by upgrading current Naval Aviation logistics reporting mechanisms through the procurement and installation of a fully-licensed, warranted, secure, standardized, COTS, user-friendly, Client-Server and relational database environment. Additionally, Life-Cycle Management (LCM) dollar resource requirements have been identified for hardware, software and process technology upgrades (refreshment), which have also been incorporated above.

CLASSIFICATION:

UNCLASSIFIED

	BUD	GET ITE	M JUSTIFICATION P-40	SHEET			DATE: February 2	2004			
APPROPRIATION/	BUDGET ACTIVI	TY				P-1 ITEM NO					
OTHER PROCL	JREMENT, NA	VY BA3 -	AVIATION SUPPO	RT EQUIP	MENT	BLI: 4265 O	THER AVIAT	ON SUPPOR	T EQUIPMEN	NT 43S7/U3S7	7
Program Element fo	or Code B Items:					Other Relate	d Program El	ements			
	Prior Years	ID Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY										·	
COST (In Millions)	\$293.4	Α	\$24.6	\$9.1	\$6.2	\$6.4	\$6.5	\$6.6	\$6.8	CONT	CONT

3. Naval Aviation Logistics Data Analysis (NALDA) Support Upgrade to NALDA II (S7040): CONT'D

Funding is required to procure the additional hardware, networking, systems, applications software, infrastructure, and associated installation support necessary to deploy Total Cost of Ownership and affordable readiness functional capabilities described above to additional TEAM/Fleet activities. NALDA is the single authoritative source of naval aviation logistics data. NALDA information and tools will enable significant cost reductions in naval aviation logistics, achieving more affordable readiness, eliminating redundant logistics information systems, improving aircraft configuration management and safety of flight, and permitting improved aircraft inventory and life extension management needed to permit recapitalization and modernization.

Data reporting requirements for the NALDA system are directed by OPNAV and NAVAIR as defined primarily by the Naval Aviation Maintenance Program (NAMP) manual. Users of the NALDA system are located at all TEAM/Fleet, TYCOMS, Wings, Intermediate Maintenance Activities, and other aviation logistics activities. The NALDA system architecture is compliant with the DISA TAFIM and Common Operating Environment (COE).

CLASSIFICATION:

UNCLASSIFIED

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	WEAPONS SYSTEM COS P-5	ST ANA	LYSIS			Weapon Sy	rstem						DATE: February	2004	
	PRIATION/BUDGET ACTIVITY Procurement, Navy BA3 - AVIATION SUF	PPOR	Γ EQUIPME	NT		ID Code	P-1 ITEM NO		IRE/SUBHEA		43S7/U3S7		,		
			TOTAL COST	IN THOUS	SANDS OF D	OCLLARS									
COST CODE	ELEMENT OF COST	ID Code	Prior Years		T	T		FY 2003			FY 2004	T =		FY 2005	1
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
S7020	NAVAIR OIS Headquarters SE	Α	52,808						2,775			476			
S7030	PEO (A) Industrial Facilities Equipment	Α	3,391						181			203			201
S7040	NALDA NALDA - hardware and software in support of NALCOMIS Optimization.	A A	36,040 5,100						5,766 4,645			3,642 611			4,491 1,465
S7040	NALDA Joint Tactical Data Integration (JTDI)* Resource Application Mgmt Program (RAMP)	A A	25,325						10,287 980			4,217			
	Various 1/		170,706												
	The amount identified against this cost element reflects total prior year funding associated with cost elements no longer financed in FY2002 and beyond.														
	* JTDI received \$750K from Defense Emergency Response Funding (DERF) to purchase Personal Electronic Devices (PEDDs) for I level maintainers.														
			293,370			0			24,634			9,149			6,15

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UNCLASSIFIED

	WEAPONS SYST	EM COST A	NALYSIS				Weapon Sy	rstem						DATE: February	v 2004		
	PRIATION/BUDGET ACTIVITY Procurement, Navy BA3 - AVIATION SU		UIPMENT				ID Code			URE/SUBHE		43S7/U3S7		1. 00. 00.	,		
							Α										
		TOTAL CO	ST IN THOU	JSANDS OF D	OOLLARS												
COST	ELEMENT OF COST		FY 2006			FY 2007			FY 2008			FY 2009		To C	Complete	-	Total
		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Cost	Quantity	Cost
S7020	NAVAIR OIS Headquarters SE																56,059
S7030	PEO (A) Industrial Facilities Equipment														CONT.		CONT
S7040 S7040	NALDA NALDA - hardware and software in support of NALCOMIS Optimization.														CONT.		CONT 11,82
S7040 S7040	NALDA Joint Tactical Data Integration (JTDI) Resource Application Mgmt Program (RAMP)																39,829 980
	Various 1/																170,700
	1/ The amount identified against this cost element reflects total prior year funding associated with cost elements no longer financed in FY2002 and beyond.																
															CONT		CONT

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BUDGET PROCURI	EMENT HISTO	ORY AND I	PLANNING EXHIBIT	(P-5A)		Weapon System		a. date Februa	ry 2004	
B. APPROPRIATION/BUDG OTHER PROCUREME		3 - AVIATIO	N SUPPORT EQUIP			MENCLATURE ATION SUPPORT EQUIP	MENT		SUBHEAD 43S7/U3	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
S7040 NALDA		, ,								
FY 2003	1 LOT 1 LOT 1 LOT	9,723 53 1,000	NICP NAWCAD SPAWAR/Shipyards	N/A N/A N/A	OPTION OGA OGA	InterGraph/NCR Government Government	2/03 2/03 1/03	4/03 3/03 2/03	YES YES YES	N/A N/A N/A
S7040-NALDA										
FY 2004	1 LOT 1 LOT 1 LOT	3,508 500 245	NICP NAWCAD SPAWAR/Shipyards	N/A N/A N/A	OPTION OGA OGA	InterGraph/TDB Government Government	12/03 12/03 12/03	1/04 1/04 1/04	YES YES YES	N/A N/A N/A
S7040-JTDI										
FY 2003	1 LOT 1 LOT	7,931 2,048	NICP NAWCAD	N/A N/A	OPTION OGA	InterGraph Government	2/03 1/03	4/03 2/03	YES YES	N/A N/A
S7040-JATDI										
FY 2004	1 LOT	3,795	NICP	N/A	OPTION	CRYPTEK Secure Commu- nications, LLC, Sterling, VA	5/04	11/04	YES	N/A
	1 LOT	422	NAWCAD	N/A	OGA	Government	3/04	4/04	YES	N/A
S7040-NALDA										
FY 2005	1 LOT 1 LOT 1 LOT	5,358 498 100	NICP NAWCAD SPAWAR/Shipyards	N/A N/A N/A	OPTION OGA OGA	InterGraph/TBD Government Government	12/04 12/04 12/04	1/05 1/05 1/05	YES YES YES	N/A N/A N/A
D. REMARKS										

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